

Kennedy/Jenks Consultants

2151 Michelson Drive, Suite 100
Irvine, CA 92612-1311

Groundwater Status Report
Boeing Realty Corporation
Former C-6 Facility
Los Angeles, California
VOLUME I

27 October 2000

Prepared for

Boeing Realty Corporation
3760 Kilroy Airport Way, Suite 500
Long Beach, CA 90806

K/J 004020.00

TABLE OF CONTENTS

VOLUME I

<u>SECTION</u>	<u>PAGE</u>
1 INTRODUCTION	1
1.1 Purpose and Objectives	1
1.2 Scope	1
1.2.1 Compilation and Review of Available Groundwater Data	1
1.2.2 Data Evaluation and Report Preparation	2
1.3 Report Organization	2
2 SOURCES OF GROUNDWATER DATA	4
2.1 Regional Hydrogeology	4
2.2 BRC Former Boeing C-6 Facility	4
2.3 Site Vicinity Conditions	5
2.3.1 International Light Metals	5
2.3.2 Del Amo Study Area - Del Amo Site	6
2.3.3 Del Amo Study Area - Montrose Chemical	7
2.3.4 Del Amo Study Area - Other Sites	8
3 HYDROGEOLOGIC SETTING	10
3.1 Regional Hydrogeology	10
3.1.1 Regional Hydrogeologic Units	10
3.1.2 Regional Groundwater Flow	10
3.2 Hydrogeology of the Site Vicinity	11
3.2.1 Hydrogeologic Units and Cross Sections in the Site Vicinity	11
3.2.2 Groundwater Flow in the Site Vicinity	12
3.2.2.1 Shallow Groundwater System	13
3.2.2.2 Middle Bellflower B-Sand	13
3.2.2.3 Middle Bellflower C-Sand	13
3.2.2.4 Gage Aquifer	14
3.2.3 Vertical Hydraulic Gradients	14
3.2.4 Aquifer Properties	14
3.3 Hydrogeology of the Site	14
3.3.1 Hydrogeologic Units at the Site	14
3.3.2 Groundwater Flow at the Site	15
3.3.3 Hydraulic Gradients	15
3.3.4 Aquifer Properties	15
4 WATER QUALITY	16
4.1 Regional Water Quality	16
4.2 Site Vicinity Water Quality	16
4.3 Site Water Quality	17
5 REGULATORY AGENCY SUMMARY	18
5.1 Agency Correspondence	18

TABLE OF CONTENTS (continued)

VOLUME I

<u>SECTION</u>	<u>PAGE</u>
5.2 Record of Decision for Dual Site Groundwater Operable Unit	18
6 CONCLUSIONS	19

TABLE OF CONTENTS (continued)

VOLUME I

LIST OF TABLES

<u>TABLE</u>	<u>TITLE</u>
2-1	Comparison of Groundwater Sampling Events Former C-6 Site, Former ILM Site and Del Amo Groundwater Study Area, 1987 - 2000.
3-1	Monitoring Well Construction Details
3-2	Groundwater Elevation Data 1987 to 2000
4-1	Summary of Groundwater Analytical Data – Major Constituents
4-2	Summary of Groundwater Analytical Data – Minor Constituents

LIST OF FIGURES

<u>FIGURE</u>	<u>TITLE</u>
1-1	Site Location Map
1-2	Location of Adjacent Sites
3-1	Hydrographs for Wells Representative of West Coast Basin
3-2	Hydrogeologic Cross Section Locations
3-3	Hydrogeologic Cross Section A-A'
3-4	Hydrogeologic Cross Section B-B'
3-5	Hydrogeologic Cross Section C-C'
3-6	Hydrogeologic Cross Section D-D'
3-7	Hydrogeologic Cross Section E-E'
3-8	Hydrogeologic Cross Section F-F' and G-G'
3-9	Hydrographs for Site Wells
3-10	Hydrographs for Selected Site Wells
3-11	Groundwater Elevations Middle Bellflower Sand B Late 1996-Early 1997
3-12	Hydrographs for Wells WCC-1S and WCC-1D
3-13	Hydrographs for Wells WCC-3S and WCC-3D
4-1	Trichloroethene in Groundwater July 1999
4-2	1,1-Dichloroethene in Groundwater July 1999
4-3	Tetrachloroethene in Groundwater July 1999
4-4	Chloroform in Groundwater July 1999
4-5	Time-Series Graph of VOCs at WCC-1S
4-6	Time-Series Graph of VOCs at WCC-1D
4-7	Time-Series Graph of VOCs at WCC-2S
4-8	Time-Series Graph of VOCs at WCC-3S
4-9	Time-Series Graph of VOCs at WCC-3D
4-10	Time-Series Graph of VOCs at WCC-4S

TABLE OF CONTENTS (continued)

VOLUME I

- 4-11 Time-Series Graph of VOCs at WCC-5S
- 4-12 Time-Series Graph of VOCs at WCC-6S
- 4-13 Time-Series Graph of VOCs at WCC-7S
- 4-14 Time-Series Graph of VOCs at WCC-8S
- 4-15 Time-Series Graph of VOCs at WCC-9S
- 4-16 Time-Series Graph of VOCs at WCC-10S
- 4-17 Time-Series Graph of VOCs at WCC-11S
- 4-18. Time-Series Graph of VOCs at WCC-12S

TABLE OF CONTENTS (continued)

VOLUME I

LIST OF SHEETS

<u>SHEET</u>	<u>TITLE</u>
1	Well Location Map
2	Cross Sections AA-A-A', B-B' and DD-D-D' at the Site, International Light Metals, Del Amo Study Area and Vicinity
3	Groundwater Elevations, Shallow Groundwater System Late 1996 Early 1997
4	Groundwater Elevations, Middle Bellflower Sand-B Late 1996 Early 1997
5	Groundwater Elevations, Middle Bellflower Sand-C Late 1996 Early 1997
6	Groundwater Elevations, Gage Aquifer Late 1996 Early 1997
7	Trichloroethene in Groundwater, Composite Map, Shallow Groundwater System
8	1,1-Dichloroethene in Groundwater, Composite Map, Shallow Groundwater System
9	Tetrachloroethene in Groundwater, Composite Map, Shallow Groundwater System
10	Chloroform in Groundwater, Composite Map, Shallow Groundwater System
11	Primary Locations of Selected VOC Plumes in the Site Vicinity
12	Estimated Plume Locations in Cross Section

1 INTRODUCTION

Boeing Reality Corporation (BRC) contracted with Kennedy/Jenks Consultants to compile the existing hydrogeologic database pertinent to understanding groundwater conditions in the vicinity of BRC Former C-6 Facility (Site) in Los Angeles, California (Figure 1-1). This compilation is presented as the Groundwater Status Report for the Site.

1.1 Purpose and Objectives

This Status Report is a compilation and review of regional and site-specific groundwater data, data evaluation, and preparation of report graphics that display the regional and local groundwater conditions. The purpose of this report is to provide a technical basis for understanding the hydrogeologic conditions at and around the Site that incorporates the information collected by previous Site investigations as well as other significant groundwater investigations in the vicinity of the Site. The Status Report will be used to help develop and prepare technical work plans, sampling and analysis plans, presentation materials, and other documents necessary for future actions regarding groundwater at the Site.

1.2 Scope

The scope of this investigation included two primary tasks:

- Compilation and Review of Available Groundwater Data
- Data Evaluation and Report Preparation.

1.2.1 Compilation and Review of Available Groundwater Data

There are multiple sources of data available that describe groundwater conditions in the vicinity of the Site. These include:

- Documents and databases prepared in the course of previous Site investigations
- Documents prepared in the course of investigations at adjacent sites,
- Project correspondence with the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB)
- Groundwater basin reports prepared by various regional groundwater agencies

Kennedy/Jenks identified and reviewed pertinent groundwater information related to three principal sources of groundwater contamination in the Site vicinity:

- Former Martin Marietta Technologies, Inc. International Light Metals Division (ILM site),
- Former Del Amo site (Del Amo site), and the
- Former Montrose Chemical Corporation site (Montrose site).

Primary sources of information for the Del Amo and Montrose sites were two reports prepared for the "Del Amo Study Area" (See sections 2.3.2, 2.3.3 and 2.3.4). The limit of

the Del Amo Study Area generally includes the area shown in Figure 1-2 as the "Limits of Model Domain." As used in this report, the term "Del Amo Study Area" refers to the Del Amo and Montrose sites as well as areas to the south of the sites.

1.2.2 Data Evaluation and Report Preparation

Based on the information that was identified during our review, Kennedy/Jenks compiled groundwater data and produce graphs and maps depicting the groundwater conditions in the region and at the Site. Specifically, Kennedy/Jenks:

1. Prepared composite water elevation maps for the shallow groundwater system, Middle Bellflower Sand-B, Middle Bellflower Sand-C, and Gauge Aquifer.
2. Prepared composite maps of trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE) and Chloroform for the Site and vicinity
3. Extended regional hydrogeologic cross sections prepared for the Del Amo Study Area groundwater investigation across the Site.
4. Prepared a variety of time-series graphs to depict historic groundwater conditions at the Site including well hydrographs and contaminant concentration graphs.
5. Prepared a plume location map that illustrates the location of major dissolved-phase groundwater plumes and suspected areas of light and dense non-aqueous phase liquids (LNAPL and DNAPL) associated with adjacent sites.
6. Compiled data for the Site vicinity that describe the aquifer properties of the shallow groundwater system and the relationship of the shallow system to deeper aquifers.
7. Reviewed project correspondence with the LARWQCB, identified Site issues, and identified the status of Site issues.
8. Performed a preliminary review of the Record of Decision (ROD) for the "Dual Site Groundwater Operable Unit for Montrose Chemical and Del Amo Superfund Sites" to identify the significance of U.S. Environmental Protection Agency (US EPA) positions taken in the ROD to future activities at the Site.
9. Selected certain data from the Site and the adjacent sites for inclusion into this summary report as appendices to make the data readily available for planning possible remedial investigations at the Site.

1.3 Report Organization

The text of this report incorporates references to:

- Newly prepared figures, tables and oversized sheets.
- Previously released materials that have been extracted from reports of investigations at the Site and adjacent sites.

The previously released materials are compiled in appendices. To assist in locating the referenced material:

- The text reference identifies the Appendix and some appropriate description of the material that varies depending on the nature of the referenced material.
- A cover sheet for each appendix provides the general order of the content.

2 SOURCES OF GROUNDWATER DATA

The following sections describe the primary hydrogeologic references for each of the sites examined for this investigation. Data from these reports were used to prepare the summary graphics described later in this report. Portions of these reports have been selected for inclusion in this report as appendices to make the information readily available.

2.1 Regional Hydrogeology

The primary hydrogeologic references that describe the regional hydrogeology are:

Poland, J. F., Garrentt, A. A., and Sinnott, A., 1959, Geology, Hydrology, and Chemical Characteristics of the Ground Waters in the Torrance-Santa Monica Area, California, USGS Water Supply Paper 1461.

State of California, Department of Water Resources, 1961, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County. Appendix A Ground Water Geology.

James M. Montgomery Consulting Engineers, Inc., 1992, Final Report on the West Coast Basin Plume Mitigation Study. August 1992.

Watermaster Services in the West Coast Basin of Los Angeles County, July 1, 1998 June 30, 1999. September 1999.

2.2 BRC Former Boeing C-6 Facility

The primary hydrogeologic references for the Site document the hydrostratigraphic units present at the Site and construction of groundwater monitoring wells. They include:

Woodward Clyde Consultants, 1990, Douglas Aircraft Company, Torrance (C6) Facility Phase III Groundwater and Soil Investigation Report.

Woodward Clyde Consultants, 1992, Report on the Installation of Observation Wells WCC-11 and WCC12 at Douglas Aircraft Company's Facility in Torrance California.

Kennedy/Jenks Consultants, 1999, Installation of Temporary Monitoring Wells Area Buildings 1 and 2.

Kennedy/Jenks Consultants, 2000, Installation of Temporary Monitoring Wells TMW-10 through TMW-16 and 2nd Quarter (March/April) Groundwater Monitoring Results.

TRC, 1999, Groundwater RCRA Facility Investigation Report, Former International Light Metals Facility, Torrance, California, Volumes I and II. (Including BL-1 through BL-8).

A total of 40 wells have been drilled at the Site since 1987. WCC wells were drilled between 1987 and 1992 and have been regularly sampled, some as many as 34 times. TMW wells were installed in mid 1998 and early 1999 and have been monitored three to 6 times. BL wells were installed in early 1999 as a cooperative

effort between Boeing and Lockheed and were monitored at least two times. Table 2-1 summarizes the monitoring events for the Site, the former ILM site and the Del Amo Study Area.

Groundwater flow directions, changes in water levels, and water quality variations for the Site are documented in a series of groundwater monitoring reports that were prepared for monitoring events that occurred between June 1992 and June 2000. Typically, water samples collected from the wells were analyzed for Volatile Organic Compounds (VOCs) by EPA method 8260, and for selected metals by metal appropriate EPA methods.

2.3 Site Vicinity Conditions

Groundwater conditions in the vicinity of the Site are described by the results of several large-scale, long-term groundwater investigations that are being conducted on adjacent and nearby properties:

- International Light Metals
- Montrose Chemical
- Del Amo Site.
- Other Del Amo Study Area Sites

The Del Amo site and the Montrose site are unrelated Superfund sites located in close proximity to each other (Figure 2-1). This physical proximity and the major dissolved-phase VOC plumes that are commingled in the aquifers beneath the sites have caused the US EPA to designate the area a "Joint Site." for the purpose of remediation. Other smaller sites that may also contribute to groundwater plumes in the area are also included in the Del Amo Study Area. The intensity of groundwater investigations in the area is illustrated by the large number of wells shown on Sheet 1.

2.3.1 International Light Metals

International Light Metals (ILM) is located immediately west of the Site (Figure 2) and covers approximately 67 acres. The primary hydrogeologic reference for the former ILM site is:

TRC, 1999, Groundwater RCRA Facility Investigation Report, Former International Light Metals Facility, Torrance, California, Volumes I and II.

ILM was an industrial metals processing facility that began operations around the beginning of World War II and continued in operations until August 1992. The former facility operated under a RCRA Part-A permit and a DTSC Hazardous Waste Facility permit. The former facility was removed and the site is currently being redeveloped. Large warehouse/distribution buildings now cover most of the former site. California Department of Toxic Substances Controls performs environmental oversight of soil and groundwater investigations at the former ILM site.

2.3.2 Del Amo Study Area - Del Amo Site

The Del Amo Site is located within the Del Amo Study Area. The primary hydrogeologic references for the Del Amo Study Area include:

Dames & Moore, 1997, Groundwater Monitoring Report, Third Sampling Period 1996 and First Sampling Period 1997. Del Amo Study Area, Los Angeles, California.

Dames & Moore, 1998, Final Groundwater Investigation Report, Del Amo Study Area, Los Angeles, California.

Additional information regarding site conditions and regulatory agency response to the site are included in:

US EPA 1999, Record of Decision for Dual Site Groundwater Operable Unit, Montrose Chemical and Del Amo Superfund Sites, Volume I and II.

Additional information regarding the hydrogeology of the Del Amo site may also be present in reports that describe the results of hydrogeologic modeling within the Del Amo Study Area. These reports are listed in US EPA (1999).

The following abbreviated description of operations at the Del Amo Site was edited from a description presented in US EPA, 1999.

The former United States War Assets Administration (USWAA) owned a synthetic rubber manufacturing facility in Harbor Gateway beginning in 1942. USWAA entered into operating agreements with Shell Oil Company (Shell), Dow Chemical Company, and several other companies, to produce synthetic rubber during World War II. In 1955, Shell purchased the facility and began operating it directly. Shell operated the facility until 1972, at which time operations ceased, the plant was dismantled, and the plant buildings were razed. The site has been entirely redeveloped with light industrial and commercial enterprises, with the exception of the area at the south-central border of the former plant property, known as the "Del Amo Waste Pits."

The former Del Amo synthetic rubber plant property covered approximately 270 acres. Two sub-plants produced styrene and butadiene. The third sub-plant chemically combined styrene and butadiene to make synthetic rubber. There is a minimum of eleven areas at the former Del Amo plant that are under investigation as sources of benzene NAPL to the subsurface. These areas remain under further investigation by Shell Oil Company and Dow Chemical Company under the oversight of US EPA.

Other sources of contamination at the former Del Amo site are the unlined "waste pits," in which both tarry and aqueous wastes were discharged, including wastes containing benzene, ethylbenzene, and naphthalene and surfactants. The pits have a thick soil cover, over 55,000 cubic yards of viscous waste. Under a ROD signed by the US EPA, an engineered impervious cap complying with RCRA will be constructed over the waste and soil vapor extraction (SVE) will be performed on the soils under the waste.

Other sources of VOCs are present at the former Del Amo Site. These are described in more detail in US EPA (1999).

2.3.3 Del Amo Study Area - Montrose Chemical

The Montrose site is located within the Del Amo Study area. Although site-specific groundwater investigations were performed at the Montrose site prior to EPA's designation of a joint site, the Del Amo Study Area reports provided a more concise summary than would have otherwise been available. Reports prepared for the Del Amo Study Area are the primary hydrogeologic references used for the Montrose site including:

Dames & Moore, 1997, Groundwater Monitoring Report, Third Sampling Period 1996 and First Sampling Period 1997. Del Amo Study Area, Los Angeles, California.

Dames & Moore, 1998, Final Groundwater Investigation Report, Del Amo Study Area, Los Angeles, California.

Additional information regarding site conditions and regulatory agency response to the site are included in:

US EPA 1999, Record of Decision for Dual Site Groundwater Operable Unit, Montrose Chemical and Del Amo Superfund Sites, Volume I and II.

Additional information regarding the hydrogeology of the Montrose site may also be present in reports that describe the results of hydrogeologic modeling within the Del Amo Study Area. These reports are listed in US EPA (1999).

The following description of operations at the Montrose site was edited from a description presented in US EPA, 1999.

Montrose operated a technical grade dichloro-diphenyltrichloroethane (DDT) pesticide manufacturing plant at the site from 1947 to 1982. The site is about 13-acres in size. DDT was used in the United States until 1972, when the use of DDT was banned in the United States for most purposes. After 1972, Montrose continued producing DDT for export. In 1982-1983, the plant ceased operations, was dismantled, and all buildings were razed. Since 1985, a temporary asphalt covering has been present over the site, which is otherwise fenced and vacant.

The primary raw materials Montrose used for making the pesticide DDT were chlorobenzene trichloroacetaldehyde, and a sulfuric acid catalyst called oleum. Raw materials were mixed in batch reactors to produce DDT. Chlorobenzene and DDT are two of the primary contaminants found in the environment at the Montrose site. Also present is an unwanted by-product of DDT production, para-chlorobenzene sulfonic acid, or pCBSA. pCBSA is highly water-soluble and appears to be associated only in connection with the manufacture of DDT. There are no promulgated health standards for pCBSA, which is found extensively in groundwater at the Montrose and Del Amo Superfund Sites.

Releases at Montrose appear to have been from trenches used to convey wastes and a waste disposal pond that received DDT, chlorobenzene wastewaters, caustic liquors and acid tars. The soil under the Central Processing Area of the former Montrose plant also contains large quantities of chlorobenzene in DNAPL form, as well as chlorobenzene dissolved in groundwater. The DNAPL occurs both above and below the water table. Data collected during the remedial investigation suggest that this DNAPL is a primary continuing source of groundwater contamination. There were also periodic discharges of

contamination from the Montrose plant into the storm water pathway leading from the Montrose plant.

2.3.4 Del Amo Study Area - Other Sites

There are other recognized sources of contamination within the Del Amo Study Area. Additional detailed studies for these Sites were not identified or examined.

The following descriptions of other sites in the Del Amo Study Area were edited from a description presented in the ROD (US EPA, 1999). Figures referenced in this section are included in a portion of the ROD reproduced in Section G.

Within the Del Amo Study Area, there are several actual or potential sources of benzene and chlorinated solvents in addition to those identified at the former Montrose site and former Del Amo site. The sources described in the paragraphs below were identified in the ROD for background information only. US EPA (1999) notes that there may be other sources. The sources are listed below with the likely primary contributing contaminant in parentheses "()." Other contaminants may also be present.

Petroleum transmission pipelines (benzene). A series of petroleum transmission pipelines, unrelated to the former Montrose and former Del Amo sites, have been and still are used to transfer petroleum products from the port to the refineries in the area (See ROD in Appendix F Figure 2-3 a, Items "K," "M," and "N"). There are several locations directly under these pipelines where groundwater concentrations are indicative of the likely presence of benzene NAPL and which may be related to these pipelines. The pipelines occur in separate bundles. Most of these bundles run in an east-west direction just south of both the former Montrose and former Del Amo sites. One suspect location along this pipeline is south of the Montrose site along the pipeline, and east of the Jones Chemicals facility (See below for discussion of Jones Chemical). Another bundle is a feeder line that runs in a north-south direction into the east-west transmission line, parallel to Berendo Avenue south of the former Del Amo site. Petroleum NAPL containing benzene has been directly observed along this feeder line near historical groundwater monitoring well P-1.

Stauffer Chemical (benzene). A potential source of benzene in groundwater near the former Montrose site is Stauffer Chemical, which historically operated a chemical plant on the Montrose site that manufactured benzene hexachloride (BHC), another pesticide.

Montrose (benzene). A potential source of benzene in groundwater near the former Montrose site is the benzene that occurred in raw chlorobenzene, most likely at a rate of less than 1%. Because of the copious quantities of chlorobenzene released, this could account for some of the benzene contamination in groundwater.

The Jones Chemicals, Inc. (TCE, PCE, DCE, and benzene). This plant manufactures bleach and sells other chemical products in bulk. The plant has been in operation immediately south of the former Montrose site since the mid-1950s (See ROD in Appendix F, Items "J" and "L" on Figure 2-3 a). Based on investigations by EPA and the State of California, Jones Chemicals, Inc. is known to have discharged chlorinated solvents to a dry well on their property. Likewise, there are fuel tanks that may have leaked petroleum products into the subsurface. Jones also stored PCE on its property in bulk, packaged PCE in drums, and sold PCE for a number of years. Jones also operated a drum washing facility that was also a likely source of chlorinated aliphatic solvents released to the subsurface.

Solvent-handling Facilities (TCE, PCE). There are facilities near 196th Street at the western border of the former Del Amo plant which have handled chlorinated solvents and have soils with significant concentrations of these solvents (See ROD in Appendix F, Item No.2 on Figure 2-3a; also shown on Figure 2-3b). The operations at these facilities occurred or continue to occur subsequent to the closure of the Former Del Amo plant.

3 HYDROGEOLOGIC SETTING

The following sections briefly describe the hydrogeologic setting of the Site at three scales. The regional scale places the site in the context of the groundwater basin. The Site vicinity scale provides a context for the site that has been developed based on data collected in the immediate vicinity of the Site by large investigations at adjacent sites. The Site scale is a compilation of Site data, some of which has not been previously compiled.

3.1 Regional Hydrogeology

The Site is located on a broad plain at an elevation of approximately 50 feet MSL. The DWR and USGS define this area as the Torrance Plain, a Pleistocene-age marine surface and a subdivision of the Coastal Plain of Los Angeles and Orange Counties. The ground surface in this area is generally flat with an eastward gradient of about 20 feet per mile (less than one-half percent). Surface drainage is generally toward the Dominguez Channel, about a mile to the east. The Dominguez Channel, in turn, flows southeastward toward the Los Angeles and Long Beach Harbors in San Pedro Bay.

3.1.1 Regional Hydrogeologic Units

The relationship among regional hydrostratigraphic units is best illustrated in the regional hydrogeologic cross sections that pass near the Site included in Appendix A. The surface sediments in this area are assigned to the Lakewood Formation (DWR, 1961), a unit defined to include essentially all of the upper Pleistocene sediments in the Los Angeles Coastal Plain area. The Lakewood Formation includes deposits of both marine and continental origin, representing stream transport and sedimentation along the Pleistocene marine plain. In the Site area, the Lakewood Formation includes the Bellflower Aquiclude, and the Gage Aquifer. The Semiperched Aquifer that is present regionally and has been discussed in previous hydrogeologic descriptions of the Site does not appear to be present in the Site Vicinity.

The Bellflower Aquiclude is described as a heterogeneous mixture of continental, marine, and wind-blown sediments, mainly consisting of clays with sandy and gravelly lenses (DWR, 1961). The base of the Bellflower Aquiclude is about 100 feet below sea level (about 150 feet bgs) in the Site area. The Gage Aquifer is a water-bearing zone of fine to medium sand and gravel confined by the Bellflower Aquiclude. It is reported to be about 40 feet thick in the Site area and is described as being of secondary importance as a water source (DWR, 1961).

The Lakewood Formation is underlain by the Lower Pleistocene San Pedro Formation, which continues to about 1,000 feet in depth in the Site area. Major water-bearing zones within the San Pedro Formation are the Lynwood Aquifer and the Silverado Aquifer. These are reported to be at depths of about 300 and 500 feet, respectively, in the Site area (DWR, 1961). The Silverado is an important groundwater source in the Coastal Plain and is considered a source of drinking water (DWR, 1961).

3.1.2 Regional Groundwater Flow

Regional groundwater flow in the aquifers of West Coast Basin is generally from west to east. This flow direction is setup by a combination of groundwater injection through wells of the West Coast Basin Barrier Project located about four miles to the west of the Site and

active groundwater production in the Carson-Dominguez Area (Appendix A, Location Map of the West Coast Basin) to the east of the Site. The West Coast Basin Barrier Project was initiated in the 1960s and consists of approximately 150 injection wells located from the City of El Segundo on the north to the Palos Verdes Hills on the south. The barrier protects aquifers in the West Coast Basin from salt-water intrusion. Because salt water had entered the aquifers prior to the start of injection, the barrier isolated plumes of saline water in the Gage (2000-Foot Sand Aquifer), Silverado Aquifer and Lower San Pedro Aquifer (James M. Montgomery, 1992). These plumes are migrating eastward toward the production wells in the Dominguez pumping trough from which over 40 percent of the basin groundwater production is pumped. Management of the West Coast basin's groundwater resources since the 1960's has caused a general rise in water levels throughout most of the basin. This rise is illustrated in the representative hydrographs shown in Figure 3-1.

3.2 Hydrogeology of the Site Vicinity

Significant hydrogeologic investigations have been performed in the vicinity of the Site. Borehole/well completion logs are included in Appendix A for the Site and the former ILM site. The hydrogeologic units that are present in the Site vicinity are described to provide a context for understanding the hydrogeology of the Site. Groundwater flow in the Site Vicinity is also described.

3.2.1 Hydrogeologic Units and Cross Sections in the Site Vicinity

Over 200 groundwater monitoring wells have been installed in the Site vicinity. Borehole logs from these wells have been interpreted by others to refine the regional hydrostratigraphy. Dames & Moore (1998) and Hargis+Associates (1992) defined hydrostratigraphic units to describe conditions for the Del Amo Study Area and the Montrose site respectively. These units are compared to each other and the published regional hydrostratigraphy (Appendix B, Comparison of Stratigraphic Nomenclature). The hydrostratigraphic nomenclature developed by Dames & Moore (1998) has been adopted for the Site because:

- 1) The Del Amo Study Area hydrostratigraphic units recognize important subunits in the Bellflower Aquitard that are meaningful for hydrogeologic conditions at the Site and
- 2) The Del Amo nomenclature is being used by the US EPA for the Dual Site groundwater Operable Unit.

Three hydrogeologic cross-sections of the Site vicinity are included on Sheet 2. These cross sections are extended from cross-sections prepared for the Del Amo Study Area (Dames & Moore, 1998) by adding well log information from both the Site and the former ILM site. The primary information used to extend the cross sections was obtained from two deep boreholes (DB-1 and DB-2) drilled at the former ILM site (TRC, 1999).

The extended cross sections on Sheet 2 illustrate the relationships of the following primary hydrogeologic units at the Site and the adjacent sites:

- Upper Bellflower Aquitard (UBF)
- Middle Bellflower Aquitard (MBFB, MBFM, MBFC and MBFB/C)
- Lower Bellflower Aquitard (LBF)
- Gage Aquifer (GAGE)

- Gage-Lynwood Aquitard (GLA)
- Lynwood Aquifer (Lynwood)

The relatively fine-grained Upper Bellflower Aquitard is continuous across the area but thins to the northwest and is much thinner beneath the Site and the former ILM site than at former Montrose and former Del Amo sites. The Upper Bellflower Aquitard is comprised of laminated to massive yellowish brown muds with local sands and fossiliferous zones. The sands within the Upper Bellflower Aquitard are generally discontinuous but may extend laterally to more than 1000 feet. Groundwater water is present in the lower portion of UBF at the Del Amo Study Area, but is not present in the UBF beneath the Site.

Middle Bellflower Aquitard is a massive, light yellowish brown, fine to medium sand with local muddy zones. An extensive mud layer that is referred to as the Middle Bellflower Mud (MBFM) locally interrupts this sand. Where divided, the sand subunits are referred to as the B-Sand (MBFB) and C-Sand (MBFC). The Middle Bellflower Mud is discontinuous across the area and is comprised of laminated silts and layered silts and very fine sands. Deeper borings at the former ILM site and the Site (represented by P-22 in cross section DD-D-D', Sheet 2) do not always encounter fine-grained sediments of the Mud at the expected depths.

The fine-grained Lower Bellflower Aquitard appears to be continuous across the area. The LBF in the Site vicinity is comprised of laminated to massive mud and interbedded fine sands and muds. It ranges in thickness from 5 to 25 feet and separates the Bellflower sands from the underlying Gage Aquifer.

The Gage Aquifer in the Site vicinity is predominately sand and ranges in thickness from 40 to 78 feet. No monitoring wells are drilled into the Gage Aquifer at the Site.

The Gage-Lynwood Aquitard is similar to the Lower Bellflower Aquitard in the Site vicinity and consists of laminated to massive muds and interbedded fine sands and muds. The Gage-Lynwood Aquitard is estimated to be an average of 26 feet thick in the area and separates the Gage and the Lynwood aquifers.

The Lynwood Aquifer in the Site Vicinity is comprised of fine- to coarse-grained sands with local gravel beds. Very limited data are available for this unit. No wells are drilled into the Lynwood Aquifer at the Site.

3.2.2 Groundwater Flow in the Site Vicinity

Groundwater conditions at the Site are known from previous investigations and from the quarterly groundwater monitoring programs (Kennedy/Jenks, 1997b). Groundwater elevations have been measured at the Site since 1987 and samples from monitoring wells at the Site have been sampled and analyzed on a regular basis (usually quarterly) since 1992. Monitoring dates for the Site, the former ILM site and Del Amo Study Area are shown in Table 2-1. Table 3-1 summarizes the well construction details for Site monitoring wells. Table 3-2 summarizes water level data for the site. Groundwater elevation maps for various hydrogeologic units in the Site vicinity are shown on Sheets 3 through 6 to illustrate the direction of groundwater flow in the Site vicinity. These maps are composite maps that

include data measured during the period of September 1996 through January 1997 and should be used accordingly.

Time-series groundwater contour maps for the Del Amo Study Area (Appendix B) illustrate that the directions of groundwater flow in individual hydrogeologic units have remained relatively consistent during the period of monitoring (1993 to 1996).

3.2.2.1 Shallow Groundwater System

The shallow groundwater system below the former Del Amo site is largely the fine-grained upper Bellflower Aquitard. Beneath the Site and the former ILM site, groundwater is present in the Middle Bellflower Aquitard. Groundwater elevations in the shallow groundwater system (Sheet 3) suggest a general southward direction of flow across the area. Local variability in this pattern includes:

- 1) An area of eastward flow along the western boundary of the former ILM site.
- 2) Radial flow around potentiometric highs near the south end of the former Del Amo site.

TRC attributes the potentiometric highs at western ILM site boundary to the presence of a fine-grained unit near the water table. TRC does not explain this occurrence but seems to suggest that fine-grained unit near the water table may result in a local perched condition in monitoring wells by raising the apparent water table several feet. The relationships shown in cross section DD-D-D' suggest that the fine-grained unit at 65 feet in DB-1 may be the Middle Bellflower Mud (Sheet 2.).

Groundwater mounding at the south end of former Del Amo site is inferred to be the result of local recharge in the fine-grained Upper Bellflower Aquifer. Dames & Moore (1997) note the occurrence of the mounds in the vicinity of the Del Amo Waste Pits but offers no further explanation.

3.2.2.2 Middle Bellflower B-Sand

Groundwater elevations for the Middle Bellflower B-Sand are shown on Sheet 4. Beneath the Site and the former ILM site, groundwater is unconfined in the Middle Bellflower Aquitard and shallow well data were used to construct the contour map. Under much of the Del Amo Study Area, groundwater in the B-Sand is 'confined' below the Upper Bellflower Aquitard and contours are drawn using data from wells completed in the B-S. Groundwater elevations in the Upper Bellflower Aquitard suggest that the direction of flow is to the southeast.

3.2.2.3 Middle Bellflower C-Sand

Groundwater elevations for the Middle Bellflower C-Sand are shown on Sheet 5. At the Site and the former ILM site, water level data from the deep monitoring wells are used to construct the map. For the Del Amo Study Area, data from wells completed in the C-Sand are used to construct the map. The flow direction suggested by the map is to the south across much of the area. To the south, the flow direction is generally to the south and east.

3.2.2.4 Gage Aquifer

Groundwater elevations for the Gage Aquifer are shown on Sheet 6. Because there are no wells at the Site or the former ILM site that are completed in the Gage, contours are not shown in these areas of the map. Data from the Del Amo Study area suggest that the direction of groundwater flow in the Gage Aquifer is to the east-southeast.

3.2.3 Vertical Hydraulic Gradients

Vertical hydraulic gradients were estimated for the Del Amo Study Area using water levels from a large number of well pairs completed in various hydrostratigraphic units (Dames & Moore, 1998). A table of vertical gradient data for the Del Amo Study Area is included in Appendix B. Average vertical gradients are reported as follows:

- Water Table to B-Sand -0.0234 ft/ft
- B-Sand to C Sand -0.0027 ft/ft
- C-Sand to Gage Aquifer -0.0304 ft/ft
- Gage Aquifer to Lynwood Aquifer -0.187 ft/ft.

The negative values indicate that the gradients are vertically downward. Two of nine well pairs between the B-Sand and C-Sand were reported to have upward vertical gradients.

3.2.4 Aquifer Properties

Aquifer properties for the Site vicinity were characterized by performing slug test and pump tests on various wells in the Del Amo Study Area. Tables summarizing these test results are presented in Appendix D. Estimates of hydraulic conductivity and storativity obtained from these tests are within the normal ranges for the types of materials tested.

3.3 Hydrogeology of the Site

3.3.1 Hydrogeologic Units at the Site

The uppermost groundwater at the Site is the Middle Bellflower Aquiclude under water-table conditions at depths of 60 to 70 feet. The regional relationships shown in cross-sections AA-A-A' and DD-D-D' (Sheet 2) suggest that the Middle Bellflower Aquiclude consists of two fine-grained sands (B-Sand and C-Sand) separated by a finer-grained Mud. The locations of site-specific hydrogeologic cross sections are included in Figure 3-2 and seven cross sections are shown in Figures 3-3 through 3-8.

Monitoring wells at the Site are completed in two zones. Wells WCC-1S to WCC-12S, TMW-1 to TMW-16 and BL-1 to BL-6 are screened in the interval between 60 and 90 feet bgs. WCC-3D and WCC-1D were completed with screens in the interval from 120 to 140 feet bgs (Woodward-Clyde Consultants, 1990). Both of the deeper wells were located in close proximity to each other in the northeast portion of the Site.

The deeper wells encountered several thin layers of clayey silt between 60 and 80 feet bgs but no well-developed fine-grained unit. Thicker clay units (5 to 17 feet thick) were encountered below 100 feet bgs. Nine of the shallower wells encountered fine grain soils between 40 and 65 feet, often above the water table at 65 feet bgs.

Locally, the Middle Bellflower Mud is absent, is present at or near the current water table, or is poorly developed in the Site vicinity. Therefore, the shallow groundwater monitoring wells appear to be completed either the B-Sand or the combined B/C-Sand. The deeper wells appear to be completed in the C-Sand, just above the Lower Bellflower Aquitard. As a result of this variability, the B- and C-Sands recognized in the Del Amo Study Area are in direct contact and direct hydraulic communication.

3.3.2 Groundwater Flow at the Site

Recent water level data for the Site were incorporated into the Site vicinity maps shown on Sheets 3, 4 and 5. Therefore these maps are representative of the flow at the Site. Figure 3-11 is a portion of Sheet 4 (Groundwater elevations in the B-Sand) that covers the Site and the adjacent ILM site. The general direction of groundwater flow beneath the Site in hydrostratigraphic units within the Bellflower Aquitard is to the south. The direction of flow beneath the Site in the Gage Aquifer (Sheet 6) appears to be toward the east-southeast.

Hydrographs for all Site wells are shown in Figure 3-9. Hydrographs for the upgradient-most well, downgradient-most well and well with the longest record are shown in Figure 3-10. These figures illustrate a general rise in water levels that has occurred at the site since the first monitoring wells were installed.

3.3.3 Hydraulic Gradients

Water level data for two well pairs are available for the Site, WCC-1S and -1D and WCC-3S and -3D. Hydrographs for these wells shown in Figures 3-12 and 3-13 suggest that the difference in elevation between wells varies with time. The relationships between water levels indicate a general downward vertical gradient between the C-Sand and B-Sand. WCC-1S/1D shows the most consistent difference in elevation. The vertical gradient at WCC-3S/3D shows more variability than WCC-1S/1D and appears at times to be upward slightly. The estimated vertical gradients for these wells during September 1997 were:

- WCC-1S/1D -0.0089 ft/ft
- WCC-3S/3D -0.0018 ft/ft

Based on water levels collected in June 2000, the vertical gradient at WCC-3S/3D was -0.0041 ft/ft. These vertical gradients are the same order of magnitude as those measured between the B-Sand and C-Sand at the Del Amo Study Area.

3.3.4 Aquifer Properties

Slug tests and pumping tests were performed at the Site on wells WCC-1S through WCC-10S and WCC-3D during late December 1989. The results of these tests are summarized in a Table that is included in Appendix D. Analysis of the slug test results yielded estimates of hydraulic conductivity for the B-Sand that ranged from 24 to 140 gpd/ft² and one estimate for the C-Sand (WCC-3D) of 6.6 gpd/ft². Pumping test data yield hydraulic conductivity estimates of 460 to 970 gpd/ft² for the B-Sand. Estimates of storativity for the B-Sand ranged from 0.004 to 0.013. A description of the testing is included in Appendix D.

4 WATER QUALITY

4.1 Regional Water Quality

The aquifers discussed in Section 3 are regional systems that are briefly described below. Aquifers from local perched systems to the Gage aquifer are susceptible to contamination from various surficial activities including industrial releases and non-point source irrigation. These aquifers have highly variable water quality, show season trends, tend not to support long-term production and are not used for water supply purposes.

Deeper aquifers including the Lynwood and Silverado are the primary sources of water in the basin. In general, water in these aquifers contains quality water that is low in total dissolved solids. These aquifers are actively managed to store ground water supplies for the basin. Over pumping prior to the 1960s caused salt-water intrusion into the Lynwood and Silverado aquifers. A hydraulic barrier (section 3.1.2) prevents further intrusion of salt water, but salt water trapped in the aquifers has degraded the quality of the water by raising total dissolved solids content. This salt-water plume may eventually impact water in aquifers beneath the Site.

4.2 Site Vicinity Water Quality

There are a number of dissolved-phase VOC plumes in aquifers in the Site vicinity and several areas in which free-phase LNAPL and DNAPL are known or suspected to occur. Sheets 7, 8, 9 and 10 illustrate the distribution of TCE, 1,1-DCE, PCE, and chloroform, respectively. Sheet 11 illustrates the general distribution of the main chlorobenzene, benzene, and pCBSA plumes. These plumes are contaminants that are not wide spread at the Site but are derived from adjacent sites. The distribution of known and suspected LNAPL and DNAPL areas is also shown on Sheet 11. A generalized cross-sectional view of the affected aquifers showing the approximate locations of plumes is provided on Sheet 12.

The following observations are made regarding the distribution of contaminant plumes in the Site vicinity:

- Dissolved-phase plume(s) originating at the former ILM site are generally upgradient of the Site and consist primarily of PCE. This PCE plume appears to have impacted groundwater beneath Site parcel B, and possibly parcels C and D.
- Dissolved-phase plumes originating from the Montrose site include chlorobenzene, benzene, chloroform and pCBSA. The plumes have impacted groundwater beneath parcel D and parcel B. DNAPL from sources at the Montrose site also appears to be present at parcel D. These contaminant sources are in close proximity to the downgradient portions of VOC plumes that originate at the Site.
- Dissolved-phase plumes originating from the former Del Amo site include consist largely of benzene but also include some PCE, TCE and limited 1,1-DCE. These plumes are downgradient of and generally some distance from the Site. There is a remote chance that PCE and TCE from a source at the western edge of the former Del Amo site (near well PLZ016) may have impacted groundwater at the eastern edge of the Site. Areas of known or suspected LNAPL and DNAPL are some distance from VOC plumes that originate at the Site.

General water quality as described by the major anions and cations is also illustrated in Piper diagrams developed for the Del Amo Study Area; copies of these are included in Appendix C

4.3 Site Water Quality

Water quality sampling has been performed at the Site over a longer period (March 1987 to the present) and is has been more frequent than sampling at the adjacent sites (Table 2-1). Tables 4-1 and 4-2 summarize the results of testing at the Site for 'major' and 'minor' constituents.

Sheets 7 through 10 illustrate the distribution of plumes that originate at the Site. Figures 4-1 through 4-4 are portions of Sheets 7 through 10 that cover the Site and the adjacent ILM site. There may be as many as three discrete source areas at the Site. The following observations are made regarding the dissolved-phase VOC plumes at the Site:

- The largest and best-documented plume is located in the northwest corner of Building 36. The plume consists largely of TCE and 1,1-DCE with lesser amounts of chloroform. The Building 36 plume does not appear to include PCE. Data for this plume have been collected since early 1987.
- A second plume has been detected in the vicinity of well TMW-3. The TMW-3 plume contains TCE and 1,1-DCE but does not appear to contain either PCE or chloroform.
- The potential third plume is suggested in the area of well TMW-12. Water at TMW-12 contains TCE, 1,1-DCE and chloroform; PCE does not appear to be present. The potential exists for groundwater impacts at TMW-12 from sources on the Montrose site. The relative contributions of the Site and the Montrose site to groundwater at TMW-12 are not clear.

Time-series graphs of selected VOC concentrations at individual wells are presented in Figures 4-5 through 4-18. These graphs illustrate VOC changes through time and the relative concentrations of major and minor VOCs at individual wells. Major VOCs (blue lines) are plotted against the left-hand, logarithmic axis and minor VOCs (green lines) are plotted against right-hand, linear axis.

5 REGULATORY AGENCY SUMMARY

5.1 Agency Correspondence

Boeing viewed agency files for correspondence and determined that, with one exception, Boeing appears to have complied with RWQCB requests for information and investigations. The single outstanding issue with the RWQCB is in regard to the potential for impacts to groundwater by arsenic-impacted soil that was previously located in Parcel D. This issue is currently being addressed.

5.2 Record of Decision for Dual Site Groundwater Operable Unit

The US EPA (1999) issued a Record of Decision for the dual site groundwater operable unit comprised of Montrose Chemical Superfund site and the Del Amo Superfund site. Because of the proximity of the Site to the superfund sites, portions of the ROD are included in Appendix F.

6 CONCLUSIONS

Significant hydrogeologic data from other sites is very helpful for understanding Site conditions. These data will also assist an evaluation of potential interferences that may occur between sites as remedial alternatives are implemented.

All the wells at the Site are in the Middle Bellflower Sand Units. There is no information on the Gage Aquifer. The two deep wells (WCC-3D and the former WCC-1D) are/were completed in the deepest portion of the C-Sand below a fine grained-layer. The lateral extent of this fine-grained unit is questionable. There are very slight vertical hydraulic gradients between the B-and C-Sand at the Site. These gradients are downward. It appears likely that the deep portion of the C-Sand is hydraulically connected with the upper portion of the sand.

In the Site vicinity, there are also downward vertical gradients between the B/C Sand and the Gage and between the Gage and the Lynwood Aquifers. The significance of these gradients with respect to the migration of affected groundwater is currently unknown.

TABLE 2-1
 COMPARISON OF GROUNDWATER SAMPLING EVENTS
 FORMER C-6 SITE, FORMER ILM SITE AND DEL AMO GROUNDWATER STUDY AREA/
 1987 - 2000

BRC FORMER C-6	Del Amo Study Area ¹	International Light Metals ²
11/13/1987	○	○
10/18/1989	○	○
06/15/1992	○	○
09/21/1992	○	○
01/05/1993	○	○
04/09/1993	○	○
06/07/1993	○	○
08/24/1993	○	○
11/18/1993	○	○
02/23/1994	February 1994	○
06/10/1994	May 1994	○
○	July 1994	○
09/08/1994	October 1994	08/30/1994
12/21/1994	○	12/29/1994
03/13/1995	March 1995	03/16/1995
06/12/1995	June 1995	06/16/1995
09/20/1995	October 1995	09/12/1995
12/12/1995	○	12/18/1995
02/29/1996	February 1995	03/11/1996
06/06/1996	○	06/17/1996
09/18/1996	10/07/1996	09/09/1996
12/18/1996	01/13/1997	○
05/06/1997	○	○
07/01/1997	○	07/07/1997
07/22/1997	○	○
08/04/1997	○	○
09/19/1997	○	○
09/03/1997	○	○
09/16/1997	○	○
07/15/1998	○	○
09/23/1998	○	○
10/22/1998	○	○
03/04/1999	○	03/02/1999
07/16/1999	○	07/16/1999
06/20/2000	○	June 2000

Notes:

1. Dames & Moore 1998. Exact dates not available in document.
2. TRC 1999. August 1994 and December 1994 appear to be water levels only, no analytical.

TABLE 3-1
MONITORING WELL CONSTRUCTION DETAILS
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)		Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
				Top	Bottom			
WCC-1S ¹	03/26/1987	2	91	78	88	72	Schdl 40 PVC0.020-Inch Slots	Shallow
WCC-2S ¹	10/28/1987	4	90.5	70	90	63	Schdl 40 PVC0.010-Inch Slots	Shallow
WCC-3S ¹	10/26/1987	4	92	69	89	64	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-4S ¹	10/27/1987	4	91.5	70.5	90.5	65	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-5S ¹	11/24/1987	4	91	60.5	91	58.5	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-6S ²	09/22/1989	4	91	60	90	N/A ³	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-7S ²	06/08/1989	4	90.5	60	90	54	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-8S ²	06/12/1989	4	90	59.5	89.5	54	Schdl 40 PVC0.010-Inch Slots	Shallow
WCC-9S ²	09/21/1989	4	91.5	60	90	55	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-10S ²	06/07/1989	4	90.8	60	90	54	Schdl 40 PVC0.010-Inch Slots	Shallow
WCC-11S ²	N/A	4	N/A	60	90	N/A	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-12S ²	N/A	4	N/A	60	90	N/A	Schdl 40 PVC, 0.010-Inch Slots	Shallow
WCC-1D ²	06/30/1988	4	140	120	140	115	Schdl 40 PVC, 0.010-Inch Slots	Deeper
WCC-3D ²	06/27/1989	4	140	120	140	114	Schdl 40 PVC, 0.010-Inch Slots	Deeper
DAC-P1 ¹	09/25/1989	4	N/A	60	90	N/A	Schdl 40 PVC0.010-Inch Slots	Shallow
TMW-1	06/28/1988	2	86	61	81	59	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-2	06/28/1988	2	87	62	82	57	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-3	07/21/1988	2	87	62.5	82.5	60	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-4	06/30/1988	2	86	60	80	58	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-5	07/02/1988	2	86	61.3	81.3	58.9	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-6	07/01/1988	2	86	61.2	81.2	59.1	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-7	06/29/1988	2	89.5	64	84	62	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-8	06/29/1988	2	89.5	61	81	59	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-9	06/30/1988	2	86	61	81	59	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-10	01/28/1999	2	85	60.5	80.5	57.6	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-11	02/01/1999	2	83	58	78	54.5	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-12	01/27/1999	2	88	62	82	59.3	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-13	02/02/1999	2	85	60	80	58	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-14	02/03/1999	2	90	65	85	63	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-15	02/04/1999	2	92	62	87	60	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-16	01/29/1999	2	82.5	56.5	76.5	54.5	Schdl 40 PVC, 0.010-Inch Slots	Shallow
TMW-17	05/10/1999	2	87	62	82	59	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-1	02/02/1999	2	81.5	61.5	81.5	56.5	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-2	02/03/1999	2	81.5	61.5	81.5	56.5	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-3	02/08/1999	2	82	62	82	59	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-4	02/16/1999	2	79	58	78	55	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-5	02/04/1999	2	78.5	58	78	55	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-6	02/04/1999	2	78.5	58	78	55	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-7	02/08/1999	2	78.5	58	78	54	Schdl 40 PVC, 0.010-Inch Slots	Shallow
BL-8	02/16/1999	2	81	60	80	57	Schdl 40 PVC, 0.010-Inch Slots	Shallow

NOTES:

1. Data from Woodward-Clyde Consultants Phase II Report, May 1988
2. Data from Woodward-Clyde Consultants Phase III Report, March 1990
3. N/A = Not Available

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-1S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1S	03/27/87	2,800	-	300	4,600	-	-	-	-	85	-	-
	04/13/87	3,700	-	260	5,500	-	-	-	-	110	-	-
Dup	04/13/88	2,500	-	120	3,600	-	-	-	-	-	-	-
	11/12/87	3,000	23	160	5,200	-	-	75	39	160	-	-
	07/13/89	900	<20	67	2,400	<100	<20	<20	<20	<20	<20	-
	08/23/89	1,500	30	<30	2,800	<100	41	<30	<30	<30	<30	-
	11/18/91	1,300	-	-	3,700	-	-	-	-	-	-	-
	06/17/92	1,700	<50	<50	3,800	<100	<5	<50	<50	<50	<50	<100
	09/23/92	1,500	13	16	3,400	<5	<1	14	13	37	1	<5
	12/09/92	1,500	<30	<30	3,100	<100	<30	<30	<30	30	<30	<100
	03/18/93	1,000	13	15	2,100	<5	27	15	14	33	<2	<10
	06/08/93	1,200	<20	<20	2,400	<200	27	<20	<20	35	<20	<400
	08/25/93	1,700	<20	<20	3,300	<200	27	<20	<20	42	<20	<400
	11/19/93	1,600	<20	<20	2,600	<200	25	<20	<20	38	<20	<400
	02/24/94	1,800	<20	<20	2,700	<200	33	21	<20	39	<20	<400
	6/13/94	1,000	11	11	1,700	<100	20	16	<10	<10	<10	<200
	09/09/94	1,400	<40	<40	2,300	<400	<40	<40	<40	<40	<40	<800
	12/22/94	3,000	23	24	3,100	<200	38	36	<20	57	<20	<400
	03/14/95	2,000	<20	<20	2,300	<200	22	22	<20	34	<20	<400
	06/13/95	2,700	20	<20	3,200	<200	29	31	<20	45	<20	<400
	09/07/95	1,800	22	22	2,600	<10	37	37	16	51	<5	<10
	12/15/95	2,900	26	22	2,600	nr	34	40	17	42	<2	nr
Dup	12/15/96	2,800	26	22	2,560	nr	33	40	16	42	<2	nr
	03/04/96	3,000	27	24	2,700	<40	35	45	<20	<20	<20	<40
	06/07/96	2,500	27	20	2,200	nr	28	39	12	7	<5	<10
	09/19/96	3,200	<50	<50	2,400	<500	<50	63	<50	<50	<50	<500
	12/18/96	2,600	<50	<50	2,200	<500	<50	<50	<50	<50	<50	<500
Dup	12/18/97	2,600	<50	<50	2,300	<500	<50	<50	<50	<50	<50	<500
	05/08/97	3,200	<50	<50	2,700	<500	<50	69	<50	<50	<50	<500
	07/08/97	3,900	<50	<50	2,800	<500	<50	<50	<50	<50	<50	<500
	07/24/97	2,600	<50	<50	2,400	<500	<50	<50	<50	<50	<50	<500
	08/06/97	3,800	<50	<50	2,700	<500	<50	60	<50	<50	<50	<500
	08/22/97	3,800	<50	<50	2,700	<500	<50	66	<50	<50	<50	<500
	09/05/97	3,500	<50	<50	2,500	<500	<50	61	<50	<50	<50	<500
	09/17/97	3,400	<50	<50	2,700	<500	<50	63	<50	<50	<50	<500

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-2S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 KJJ 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-2S	11/02/87	5	-	5		-	-	-	-	-	6	-
	11/12/87	2	-	1	4	-	-	-	-	-	1	-
	07/13/89	<1	<1	<1	5	<5	<1	<1	<1	<1	<1	-
	8/23/89	<1	<1	<1	3	<5	<1	<1	<1	<1	<1	-
	11/19/91	30	-	8	110	-	-	-	-	-	75	-
	06/16/92	30	<5	<5	100	<10	<5	<5	<5	<5	<5	<10
	09/22/92	18	<1	<1	110	<5	<1	<1	<1	<1	1	<5
Dup	09/22/92	19	<1	<1	97	<5	<1	<1	<1	<1	1	<5
	12/08/92	49	<1	2	140	<5	<1	<1	<1	<1	<1	<5
Dup	12/08/92	27	<2	2	99	<5	<1	<1	2	<1	<1	<5
	03/17/93	32	<2	<2	110	<5	<2	<2	<2	<2	<2	<10
Dup	03/17/93	33	<2	<2	100	<5	<2	<2	<2	<2	<2	<10
	06/07/93	48	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	08/24/93	16	<2	<2	90	<20	<2	<2	<2	<2	<2	<40
	11/19/93	41	<2	<2	94	<20	<2	<2	<2	<2	<2	<40
	02/24/94	30	<2	<2	96	<20	<2	<2	<2	<2	<2	<40
	06/10/94	24	<2	<2	97	<20	<2	<2	<2	<2	<2	<40
	09/08/94	37	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	12/22/94	28	<2	<2	110	<20	<2	<2	<2	<2	<2	<40
	03/13/95	27	<2	<2	160	<20	<2	<2	<2	<2	<2	<40
	06/12/95	30	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	09/06/95	56	<5	<5	200	<10	<5	<5	<5	<5	<5	<10
	12/15/95	15	<2	<2	60	nr	<2	<2	<2	<2	<2	nr
	03/01/96	<5	<5	<5	21	<10	<5	<5	<5	<5	<5	<10
	06/06/96	7	<5	<5	33	nr	<5	<5	<5	<5	<5	<10
	09/19/96	23	<1	<1	98	<10	<1	<1	<1	<1	<1	<10
	12/18/96	30	<2	<2	120	<20	2.2	<2	<2	<2	<2	<20
	05/07/97	12	<1	<1	25	<10	18	<1	<1	<1	<1	<10
Dup	05/07/97	11	<1	<1	24	<10	17	<1	<1	<1	<1	<10
	Well WCC-2S not sampled due to obstructions during mid 1997											

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-3S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-3S	11/02/87	38,000	-	110,000	10,000	54,000	-	-	-	-	80,000	-
	11/12/87	88,000	1,000	54,000	11,000	70,000	-	1,000	-	-	140,000	-
	07/13/89	18,000	<500	56,000	7,700	<3000	<500	660	<500	<500	32,000	-
	08/23/89	56,000	<1,000	78,000	6,000	<5000	<1,000	<1,000	<1,000	<1,000	56,000	-
	11/14/91	12,000	400	6,900	7,900	70,000	550	550	250	-	27,000	12,000
	06/17/92	25,000	<5,000	13,000	13,000	100,000	<5,000	<5,000	<5,000	<5,000	51,000	<10,000
	09/23/92	22,000	<500	7,800	12,000	82,000	<500	<500	<500	<500	52,000	<3,000
	12/09/92	21,000	<500	5,600	11,000	90,000	700	600	<500	<500	44,000	4,000
	03/18/93	20,000	650	21,000	8,800	44,000	650	6,400	120	240	42,000	<50
	Dup 03/18/93	20,000	510	22,000	8,800	45,000	640	670	110	260	42,000	<50
	06/08/93	16,000	420	5,900	8,600	79,000	520	480	<100	210	37,000	<2,000
	08/25/93	21,000	500	10,000	11,000	50,000	670	680	<410	<400	46,000	<8000
	Dup 08/25/93	20,000	560	9,500	9,700	49,000	700	710	<10	250	40,000	660
	11/19/93	26,000	690	19,000	10,000	47,000	1,100	840	<200	280	50,000	<4,000
	02/24/94	15,000	310	9,600	2,500	15,000	2,500	360	<200	<200	25,000	<4,000
	06/13/94	13,000	310	6,200	820	9,900	4,100	360	<200	<200	23,000	<4000
	Dup 09/09/94	23,000	520	9,000	<500	6,000	7,700	600	<500	<500	43,000	<10000
09/09/94	25,000	560	98,000	<500	5,000	8,400	640	<500	<500	47,000	<10000	
12/22/94	20,000	440	6,700	390	3,400	6,700	530	<200	200	35,000	<4,000	
3/14/95	24,000	570	8,700	2,300	4,600	6,200	670	<200	230	40,000	<4,000	
06/13/95	22,000	450	4,800	1,200	6,600	6,300	500	<400	<400	39,000	<8000	
09/07/95	13,000	480	4,100	910	4,600	6,000	520	76	220	31,000	<200	
12/16/95	12,000	350	3,100	670	nr	4,400	400	45	130	**23000	nr	
3/04/96	8,400	230	1,900	480	200	3,200	280	<50	100	15,000	<100	
03/04/96	11,000	310	2,400	240	nr	3,400	340	38	110	18,000	32	
09/19/96	20,000	600	3,500	<500	<5,000	6,300	860	<500	<500	29,000	<5,000	
12/19/96	16,000	380	2,300	<250	<2,500	4,100	460	<250	<250	20,000	<2,500	
05/08/97	6,300	140	470	230	<1200	2,000	180	<120	<120	8,800	<1200	
Dup 05/08/97	6,200	<250	520	<250	<2500	2,000	<250	<50	<250	9,100	<2500	
07/08/97	9,200	<250	1,100	400	<2500	2,900	260	<250	<250	14,000	<2500	
07/24/97	14,000	350	1,900	420	<2500	4,000	380	<250	<250	22,000	<2500	
08/06/97	12,000	310	1,500	250	<2500	3,900	350	<250	<250	18,000	<2500	
08/22/97	16,000	410	2,200	290	<2500	4,600	540	<250	<250	23,000	<2500	
09/05/97	13,000	350	1,600	<250	<2500	3,700	390	<250	<250	18,000	<2500	
09/18/97	12,000	300	1,500	<250	<2500	3,500	350	<250	<250	18,000	<2500	
Dup 09/18/97	13,000	300	1,600	260	<2500	3,600	360	<250	<250	18,000	<2500	
09/23/98	33,000	870	4,000	< 250	nr	9,400	980	< 250	390	59,000	nr	
10/22/98	41000	1100	4700	490	nr	11000	1,300	< 250	470	68000	nr	
03/06/99	20,000	500	1,900	640	nr	4,800	510	< 250	< 250	42,000	nr	
07/16/99	32000	780	2700	810	nr	8,600	1,000	< 250	380	54000	nr	
06/26/00	25,000	630	2,400	770	nr	7,600	840	<125	380	48,000	nr	

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-4S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-4S	11/02/87	360	-	14	700	-	-	2	2	-	-	-
	11/12/87	1,200	-	35	690	-	-	-	-	-	-	-
	07/13/89	170	<3	11	270	-	10	<3	<3	<3	<3	-
	08/23/89	360	<5	7	410	<20	15	<5	<5	<5	<5	-
	11/18/91	1,000		20	2,200	<30	-	-	-	-	-	-
	06/17/92	920	<25	<25	1,500	<50	<25	<25	<25	<25	<25	<50
	09/23/92	1,400	<10	20	1,900	<50	<10	<10	10	<10	<10	<50
	12/08/92	1,000	<10	20	1,600	<50	10	<10	10	<10	<10	<50
	03/17/93	810	8	14	1,200	<5	8	5	5	6	<2	<10
	06/08/93	1,300	<10	12	1,800	<100	10	<10	<10	<10	<10	<200
	08/25/93	1,100	<10	<10	1,400	<100	<10	<10	<10	<10	<10	<200
	11/19/93	610	17	8	700	<40	6	5	<4	4	9	<80
	02/24/94	1,100	5.8	8.8	980	<40	8.7	7.2	5.1	6.4	<4	<80
	06/14/94	800	<4	5	940	<40	7	5	<4	<4	<4	<80
	09/09/94	1,000	<20	<20	1,300	<200	<20	<20	<20	<20	<20	<400
	12/22/94	670	<10	<10	750	<100	<10	<10	<10	<10	<10	<200
	03/14/95	400	10	5	450	<40	5	<4	<4	<4	<4	<80
	06/13/95	1,100	9	<6.6	1,100	<66	8	<6.6	<6.6	7	<6.6	<130
	09/07/95	910	8	6	1,200	<10	10	9	7	13	<5	<10
	12/15/95	1,100	4	<2	1,200	nr	8	7	4	2	<2	nr
	03/04/96	710	<5	<5	770	<10	6	6	<5	<5	<5	<10
	06/07/96	740	<5	<5	830	nr	5	<5	<5	<5	<5	<10
	09/19/96	980	<25	<25	960	<250	<25	<25	<25	<25	<25	<250
	12/18/96	780	<25	<25	960	<250	<25	<25	<25	<25	<25	<250
	05/08/97	1,000	<12	<12	1,100	<120	<12	14	<12	<12	<12	<120
	07/08/97	1,300	<25	<25	1,200	<250	<25	<25	<25	<25	<25	<250
	07/24/97	940	<25	<25	1,200	<250	<25	<25	<25	<25	<25	<250
	08/06/97	1,000	<25	<25	1,000	<250	<25	<25	<25	<25	560	<250
	08/22/97	1,200	<25	<25	1,200	<250	<25	<25	<25	<25	<25	<250
	09/05/97	1,100	<25	<25	1,000	<250	<25	<25	<25	<25	<25	<250
	09/17/97	980	<25	<25	1,100	<250	<25	<25	<25	<25	<25	<250
	09/28/98	890	24	< 2.5	780	nr	12	8	5.4	< 2.5	< 2.5	nr
	10/21/98	1100	19	< 5	970	nr	11	11	6	< 5	< 5	nr
	03/04/99	1,700	< 10	< 10	1,600	nr	< 10	15	< 10	< 10	< 10	nr
	07/14/99	2100	< 10	< 10	1500	nr	12	19	< 10	< 10	< 10	nr
	06/21/00	1,800	<10	<10	1,300	nr	<10	<10	<10	<10	<10	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-5S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-5S	11/30/87	7	-	1	-	-	-	-	-	-	1	-
	01/08/88	4	-	10	-	-	-	-	-	-	-	-
	07/13/89	3	<1	13	<5	>1	6	<1	<1	<1	<1	-
Dup	07/13/89	3	<1	12	<5	<1	6	<1	<1	<1	<1	-
	08/23/89	<1	<1	12	<5	<1	4	<1	<1	<1	<1	-
	11/19/91	20	-	-	8	-	-	-	-	-	7	-
	06/15/92	28	<5	<5	7	<10	<5	<5	<5	<5	<5	<10
	09/21/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	12/07/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	03/16/93	18	<2	<2	4	<5	<2	<2	<2	<2	<2	<10
	06/07/93	22	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
	08/24/93	23	<2	<2	5	<20	<2	<2	<2	<2	<2	<40
	11/18/93	21	<2	<2	3	<20	<2	<2	<2	<2	<2	<40
	2/23/94	20	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
Dup	06/10/94	25	<2	<2	3.4	<20	<2	<2	<2	<2	<2	<40
	06/10/94	25	<2	<2	3.4	<20	<2	<2	<2	<2	<2	<40
	09/08/94	18	<2	<2	3.3	<20	<2	<2	<2	<2	<2	<40
	12/21/94	18	<2	<2	2.9	<20	<2	<2	<2	<2	<2	<40
	03/13/95	14	<2	<2	2.8	<20	<2	<2	<2	<2	<2	<40
	06/12/95	19	<2	<2	3.2	<20	<2	<2	<2	<2	<2	<40
	09/06/95	18	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10
	12/12/95	15	<2	<2	3	nr	<2	<2	<2	<2	<2	nr
	2/29/96	10	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10
	06/06/96	9	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10
	09/18/96	10	<1	<1	3.1	<10	<1	<1	<1	<1	<1	<10
	12/17/96	10	<1	<1	2.4	<10	<1	<1	<1	<1	<1	<10
	05/07/97	10	<1	<1	3.1	<10	<1	<1	<1	<1	<1	<10
	07/02/97	11	<1.0	<1.0	2.1	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/23/97	12	<1.0	<1.0	14	<10	<1.0	<1.0	<1.0	<1.0	9.8	<10
	08/05/97	18	<1.0	1.2	31	<10	1.0	<1.0	<1.0	<1.0	23	<10
	08/20/97	12	<1.0	<1.0	2.1	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/04/97	19	<1.0	1.6	32	<10	1.6	<1.0	<1.0	<1.0	33	<10
	09/16/97	19	<1.0	1.8	40	<10	1.5	<1.0	<1.0	<1.0	38	<10
	09/28/98	17	<0.5	1.6	4.5	nm	<0.5	<0.5	<0.5	<0.5	<0.5	nm
	10/20/98	17	<0.5	<0.5	3.7	nm	<0.5	<0.5	<0.5	<0.5	<0.5	nm
	03/04/99	11	<0.5	<0.5	2.1	nm	<0.5	<0.5	<0.5	<0.5	<0.5	nm
	07/15/99	14	<0.5	<0.5	2.3	nm	<0.5	<0.5	<0.5	<0.5	<0.5	nm
	06/22/00	8.5	<0.5	<0.5	2.7	nr	<0.5	<0.5	<0.5	<0.5	<0.5	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-6S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK	
WCC-6S	10/06/89	210	4.0	130	140	<5	12	7.0	<1	<1	<1	-	
	11/16/91	5,800		5,000		17,000	-	-	-	-	35,000	21,000	
Dup	06/17/92	5,400	<500	2,100	3,000	7,800	<500	<500	<500	<500	15,000	6,300	
	09/23/92	5,900	94	1,300	3,100	7,500	200	170	20	67	10,000	3,600	
	12/09/92	3,700	80	680	2,700	3,400	200	100	<50	80	5,000	3,000	
	12/09/92	5,800	<100	1,400	3,200	<500	200	200	<100	<100	10,000	5,000	
	03/17/93	3,200	50	1,200	1,400	3,900	<10	80	15	40	10,000	3,800	
	06/08/93	5,500	<100	1,900	2,100	13,000	280	120	<100	<100	21,000	7,800	
	08/25/93	5,400	<100	2,100	1,900	11,000	630	130	<100	<100	19,000	7,600	
	11/19/93	2,200	42	440	670	4,700	480		<10	24	4,900	3,100	
	02/24/94	11,000	91	2,200	1,800	13,000	1,400	140	21	52	20,000	4,400	
	06/13/94	5,800	87	1,800	1,400	4,400	1,600	130	18	52	12,000	1,400	
	Dup	06/13/94	6,300	<100	1,500	1,300	5,200	1,400	100	<100	<100	<13000	<2000
		09/09/94	Not sampled; well head obstructed										
		12/22/94	9,100	<200	1,300	1,900	4,800	2,500	<200	<200	<200	16,000	<4,000
		03/14/95	3,000	38	200	930	390	850	60	<20	25	2,300	<400
		06/13/95	9,800	130	810	510	450	4,200	180	28	82	8,400	<400
	Dup	09/07/95	4,300	55	370	620	240	2,400	83	14	50	2,900	12
09/07/95		3,800	70	310	520	180	2,200	99	19	56	2,500	11	
12/16/95		11,000	120	1,400	2,000	nr	2,600	160	28	66	4,900	nr	
03/04/96		8,300	93	1,600	2,000	350	2,000	140	<50	56	3,900	340	
06/07/96		9,300	88	1,700	2,400	nr	3,000	120	<25	54	6,500	960	
09/19/96		8,800	<250	890	2,000	<2500	1,800	250	<250	<250	4,000	<2500	
Dup	09/19/96	8,800	110	950	2,200	<100	1,800	160	<100	<100	4,300	<1000	
Dup	12/19/96	7,000	<100	680	2,200	<1000	880	100	<100	<100	2,600	<1000	
	12/19/96	8,300	<100	820	2,600	<1000	1,000	130	<100	<100	3,000	<1000	
Dup	05/09/97	6,800	<100	720	1,900	<1000	1,100	<100	<100	<100	1,800	<1000	
	05/09/97	7,000	<100	740	2,000	<1000	1,200	120	<100	<100	1,800	<1000	
Dup	07/08/97	3,600	<100	410	950	<1000	540	<100	<100	<100	2,400	<1000	
	07/24/97	2,700	<100	320	820	<1000	510	<100	<100	<100	1,600	<1000	
	08/06/97	7,700	<100	630	2,100	<1000	1,400	110	<100	<100	3,100	<1000	
	09/18/97	5,500	<100	500	1,600	<1000	910	<100	<100	<100	1,800	<1000	
	09/23/98	2,800	16	38	1,500	nr	210	22	< 12.5	< 12.5	< 12.5	nr	
	10/22/98	2800	20	19	1700	nr	100	33	< 10	12	< 10	nr	
	03/06/99	9,500	110	300	5,000	nr	510	140	< 50	51	760	nr	
	07/16/99	7300	94	390	3000	nr	1000	130	< 50	< 50	860	nr	
	Dup	06/26/00	5,300	76	1,600	1,500	nr	2,000	91	<25	43	4,700	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-7S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK	
WCC-7S	07/13/89	850	<10	110	1,300	<50	26	11	<10	<10	<10	-	
	08/23/89	1,100	<30	66	1,400	<100	31	<30	<30	<30	<30	-	
	11/18/91	390	-	-	1,200	-	-	-	-	-	-	-	
	06/17/92	230	<5	<5	560	<10	<5	<5	<5	<5	<5	<10	
	09/23/92	140	<5	<5	570	<30	<5	<5	<5	<5	<5	<30	
	12/08/92	140	<5	<5	430	<30	<5	<5	<5	<5	<5	<30	
	03/17/93	77	<2	<2	200	<5	4	<2	<2	<2	<2	<10	
	06/07/93	120	<2	<2	330	<20	4	<2	<2	<2	<2	<40	
	08/25/93	70	<4	<4	210	<40	4	<4	<4	<4	<4	<80	
	11/19/93	56	<2	<2	130	<20	<2	<2	<2	<2	<2	<40	
	02/24/94	75	<2	<2	140	<20	2.5	<2	<2	<2	<2	<40	
	06/13/94	58	<2	<2	110	<20	3	<2	<2	<2	<2	<40	
	09/08/94	50	13	<2	250	<20	<2	<2	<2	<2	<2	<40	
	12/22/94	94	<2	<2	94	<20	<2	<2	<2	<2	<2	<40	
	03/14/95	53	<2	<2	84	<20	<2	<2	<2	<2	<2	<40	
	06/13/95	110	<2	2	230	<20	<2	<2	<2	<2	<2	<40	
	Dup	06/13/95	98	<2	<2	220	<20	<2	<2	<2	<2	<2	<40
		09/07/95	150	<5	<5	200	<10	<5	<5	<5	<5	<5	<10
		12/15/95	98	<2	<2	140	nr	<2	<2	<2	<2	<2	nr
		03/01/96	91	<5	<5	120	<10	<5	<5	<5	<5	<5	<10
06/07/96		100	<5	<5	130	<10	<5	<5	<5	<5	<5	<10	
09/19/96		120	<2	<2	150	<20	<2	<2	<2	<2	<2	<20	
12/18/96		99	<2	<2	130	<20	<2	<2	<2	<2	<2	<20	
05/08/97		120	<2.5	<2.5	140	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<25	
07/02/97		130	<2.0	<2.0	150	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<20	
07/24/97		67	<2.0	<2.0	130	<20	<2.0	<2.0	<2.0	<2.0	8	<20	
08/06/97		130	<2.0	<2.0	160	<20	<2.0	<2.0	<2.0	<2.0	18	<20	
08/21/97		120	<2.0	<2.0	140	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<20	
09/04/97		120	3.1	<2.5	150	<25	<2.5	<2.5	<2.5	<2.5	17	<25	
09/17/97		110	<2.5	<2.5	160	<25	<2.5	<2.5	<2.5	<2.5	21	<25	
09/28/98		300	1.4	< 1.25	250	nr	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25	nr	
10/21/98	300	1	< 1	240	nr	1	< 1	< 1	< 1	< 1	nr		
03/04/99	160	< 1	< 1	170	nr	1.1	< 1	< 1	< 1	< 1	nr		
07/14/99	32	< 1	< 1	120	nr	9.3	< 1	< 1	< 1	< 1	nr		
06/22/00	190	1.1	<0.5	170	nr	1.1	<0.5	0.67	<0.5	<0.5	nr		

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-8S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK	
WCC-8S	07/13/89	430	<5	160	240	<30	7	9	<5	<5	<5	-	
	08/23/89	820	<5	130	430	<30	7	<5	<5	<5	<5	-	
	11/15/91	2,600	-	400	3,000	-	40	40	25	-	120	-	
Dup	06/17/92	2,200	<25	180	2,400	<50	<25	<25	<25	<25	<25	<50	
	06/17/92	2,300	<50	180	2,600	<100	<50	<50	<50	<50	<50	<100	
	09/23/92	2,800	<20	200	3,100	<100	<20	20	20	<20	<20	<100	
	12/08/92	2,000	<20	100	2,500	<100	20	30	20	20	<20	<100	
	03/17/93	1,800	11	180	1,500	<5	15	26	10	15	<2	<10	
	06/08/93	3,000	<20	300	2,000	<200	<20	40	<20	<20	<20	<400	
	08/25/93	3,100	<20	330	2,200	<200	<20	45	<20	<20	<20	<400	
	11/19/96	3,300	<20	330	2,000	<200	<20	50	<20	24	<20	<400	
	02/24/94	3,400	<20	300	1,200	<200	<20	35	<20	<20	<20	<400	
	06/13/94	4,000	<40	290	2,200	<400	<40	44	<40	<40	<40	<800	
	09/09/94	4,600	<50	280	3,100	<500	<50	<50	<50	<50	<50	<1000	
	12/22/94	4,000	<20	230	2,100	<200	<20	43	<20	25	<20	<400	
	03/14/95	4,500	<40	220	2,600	<400	<40	41	<40	<40	<40	<800	
	06/13/95	4,200	<40	150	2,400	<400	<40	<40	<40	<40	<40	<800	
	09/07/95	2,200	10	110	1,700	<10	15	28	9	22	<5	<10	
	12/15/95	4,200	16	120	2,300	nr	18	40	<2	10	<2	nr	
	Dup	03/01/96	3,500	<20	120	2,100	<40	<20	40	<20	<20	<20	<40
		03/01/96	3,600	<20	120	2,200	<40	<20	41	<20	<20	<20	<40
		06/07/96	3,300	11	91	2,000	nr	12	32	10	<5	<5	<10
		09/19/96	3,400	<50	59	1,900	<500	<50	<50	<50	<50	<50	<500
12/18/96		3,000	<50	61	2,000	<500	<50	<50	<50	<50	<50	<500	
05/08/97		2,600	<50	<50	1,600	<500	<50	51	<50	<50	<50	<500	
07/08/97		3200	<50	<50	1900	<500	<50	<50	<50	<50	<50	<500	
07/24/97		2500	<50	<50	1900	<500	<50	<50	<50	<50	<50	<500	
08/06/97		130	<2.5	<2.5	160	<25	<2.5	<2.5	<2.5	<2.5	18	<25	
08/22/97		2800	<50	<50	1900	<500	<50	<50	<50	<50	<50	<500	
09/05/97		2500	<50	<50	1600	<500	<50	<50	<50	<50	<50	<500	
09/17/97		2600	<50	<50	1800	<500	<50	<50	<50	<50	<50	<500	

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-9S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-9S	10/06/89	<1	<1	<1	15	<5	7	<1	<1	<1	<1	-
	11/19/91	-	-	-	20	-	-	-	-	-	-	-
	06/15/92	7	<5	<5	42	<10	<5	<5	<5	<5	<5	<10
	09/21/92	6	<1	<1	45	<5	2	<1	6	<1	<1	<5
	12/07/92	10	<1	<1	51	<5	<1	<1	12	<1	<1	<5
	03/16/93	6	<2	<2	23	<5	3	<2	11	<2	<2	<10
	06/07/93	11	<2	<2	42	<20	<2	<2	18	<2	<2	<40
Dup	06/07/93	11	<2	<2	39	<20	<20	<20	17	<2	<2	<40
	08/24/93	5	<2	<2	26	<20	4	<2	<2	<2	<2	<40
	11/18/93	5	<2	<2	43	<20	<2	<2	7	<2	<2	<40
	02/23/94	<4	<2	<2	31	<20	2	<2	4	<2	<2	<40
	06/10/94	<4	<2	<2	28	<20	4	<2	3	<2	<2	<40
	09/08/94	<4	<2	<2	38	<20	3	<2	4	<2	<2	<40
	12/21/94	<4	<2	<2	22	<20	3	<2	3	<2	<2	<40
Dup	12/21/94	<4	<2	<2	26	<20	3	<2	3	<2	<2	<40
	03/13/95	7	<2	<2	56	<20	<2	<2	8	<2	<2	<40
	06/12/95	<4	<2	<2	23	<20	<2	<2	6	<2	<2	<40
Dup	06/12/95	<4	<2	<2	21	<20	<2	<2	6	<2	<2	<40
	09/06/95	11	<5	<5	64	<10	<5	<5	19	<5	<5	<10
	12/12/95	4	<2	<2	18	nr	3	<2	4	<2	<2	nr
	02/29/96	<5	<5	<5	17	<10	<5	<5	<5	<5	<5	<10
	06/06/96	<5	<5	<5	15	nr	<5	<5	<5	<5	<5	<10
	09/18/96	2.2	<1	<1	17	<10	2.9	<1	3.9	<1	<1	<10
	12/17/96	2.8	<1	<1	18	<10	2.8	<1	3.5	<1	<1	<10
	05/07/97	2.4	<1	<1	16	<10	3.0	<1	3.5	<1	<1	<10
	07/02/97	4.4	<1.0	<1.0	29	<10	1.9	6.7	<1.0	<1.0	<1.0	<10
	07/23/97	7.6	<1.0	<1.0	43	<10	2.0	7.6	<1.0	<1.0	12	<10
	08/05/97	9.9	<1.0	<1.0	51	<10	2.6	<1.0	8.2	<1.0	20	<10
Dup	08/05/97	3.5	<1.0	<1.0	20	<10	1.3	<1.0	<1.0	<1.0	16	<10
	08/20/97	6.0	<1.0	<1.0	31	<10	2.0	9.0	<1.0	<1.0	<1.0	<10
	09/04/97	9.8	<1.0	<1.0	48	<10	2.4	8.2	<1.0	<1.0	24	<10
	09/16/97	10	1.3	<1.0	58	<10	2.4	8.1	<1.0	<1.0	29	<10
Dup	09/16/97	11	<1.0	1.4	59	<10	2.4	<1.0	8.0	<1.0	30	<10
	09/23/98	17	<1	3.5	130	nr	<1	<1	12	<1	<1	nr
	10/21/98	14	<0.5	<0.5	120	nr	<0.5	<0.5	20	<0.5	<0.5	nr
	03/02/99	7.3	<0.5	<0.5	44	nr	2	<0.5	14	<0.5	<0.5	nr
	07/13/99	12	<0.5	<0.5	56	na	2.2	<0.5	24	<0.5	<0.5	na
	06/20/00	14	<0.5	<0.5	78	nr	<0.5	<0.5	49	<0.5	<0.5	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-10S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-10S	07/13/89	2	<1	<1	86	<5	<1	<1	3	<1	<1	-
Dup	07/13/89	1	<1	<1	87	.5	<1	<1	3	<1	<1	-
	08/23/89	4	<1	<1	81	5	<1	<1	4	<1	<1	-
	11/20/91	-	-	-	87	-	-	-	-	-	-	-
	06/16/92	10	<5	<5	120	<10	<5	<5	<5	<5	<5	13
	09/21/92	9	<1	<1	120	<5	<1	<1	4	<1	<1	<5
Dup	09/21/92	9	<1	<1	110	<5	<1	<1	4	<1	<1	<5
	12/08/92	8	<1	<1	110	<5	<1	<1	5	<1	<1	<5
	03/16/93	9	<2	<2	130	<5	<2	<2	6	<2	<2	<10
	06/07/93	13	<2	<2	120	<20	<2	<2	4	<2	<2	<40
	08/25/93	<4	<2	<2	120	<20	<2	<2	<2	<2	<2	<40
	11/19/93	9	<2	<2	82	<20	<2	<2	2	<2	<2	<40
	02/23/94	10	<2	<2	110	<20	<2	<2	5	<2	<2	<40
	06/10/94	17	<2	<2	120	<20	<2	<2	4	<2	<2	<40
	09/08/94	17	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
Dup	12/22/94	14	<2	<2	99	<20	<2	<2	3	<2	<2	<40
Dup	12/22/94	13	<2	<2	94	<20	<2	<2	3	<2	<2	<40
	03/13/95	19	<2	<2	120	<20	<2	<2	2	<2	<2	<40
Dup	03/13/95	19	<2	<2	120	<20	<2	<2	2	<2	<2	<40
	06/12/95	20	<2	<2	140	<20	<2	<2	2	<2	<2	<40
	09/06/95	27	<5	<5	160	<10	<5	<5	<5	<5	<5	<10
	12/16/95	23	<2	<2	135	nr	<2	<2	4	<2	<2	nr
	03/01/96	20	<5	<5	120	<10	<5	<5	<5	<5	<5	<10
	06/06/96	22	<5	<5	140	nr	<5	<5	<5	<5	<5	<10
	09/19/96	22	<2	<2	120	<20	<2	<2	2.5	<2	<2	<20
	12/18/96	Well covered.										
	05/07/97	29	<2.5	<2.5	160	<25	<2.5	<2.5	3.2	<2.5	<2.5	<25
	07/02/97	25	<2.0	<2.0	140	<20	<2.0	<2.0	2.5	<2.0	<2.0	<20
	07/23/97	26	<2.0	<2.0	150	<20	<2.0	<2.0	2.8	<2.0	10.0	<20
Dup	07/23/97	26	<2.0	<2.0	150	<20	<2.0	<2.0	2.9	<2.0	10.0	<20
	08/05/97	30	<2.5	<2.5	140	<25	<2.5	<2.5	2.6	<2.5	15	<25
	08/21/97	25	<2.0	<2.0	120	<20	<2.0	<2.0	2.6	<2.0	<2.0	<20
	09/04/97	28	<2.5	<2.5	140	<25	<2.5	<2.5	2.7	<2.5	18	<25
	09/17/97	29	<2.5	<2.5	150	<25	<2.5	<2.5	<2.5	<2.5	23	<25
	03/02/99	29.0	<0.5	<0.5	150	nm	0.9	<0.5	2.5	<0.5	<0.5	nm
	04/08/99	29	< 0.5	< 0.5	150	nr	0.92	< 0.5	2.5	< 0.5	< 0.5	nr
	07/14/99	190	< 1	< 1	200	nr	1.3	< 1	< 1	< 1	< 1	nr
	06/22/00	34	0.94	<0.5	160	nr	<0.5	<0.5	2.8	<0.5	<0.5	nr

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-11S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-11S	11/15/91	10	-	-	80	-	-	-	-	-	-	-
	06/16/92	21	<5	<5	120	<10	<5	<5	<5	<5	<5	<10
	09/21/92	17	<1	<1	140	<5	2	<1	<1	<1	<1	<5
	12/08/92	13	<1	<1	83	<5	6	<1	<1	<1	<1	<5
	03/16/93	25	<2	<2	160	<5	4	<2	<2	<2	<2	<10
	06/07/93	16	<2	<2	110	<20	5	<2	<2	<2	<2	<40
	08/24/93	14	<2	<2	97	<20	4	<2	<2	<2	<2	<40
	11/19/93	14	<2	<2	100	<20	3	<2	<2	<2	<2	<40
Dup	11/19/93	14	<2	<2	100	<20	3	<2	<2	<2	<2	<40
	02/23/94	16	<2	<2	100	<20	4	<2	<2	<2	<2	<40
	06/10/94	16	<2	<2	85	<20	5	<2	<2	<2	<2	<40
	09/08/94	20	<2	<2	140	<20	5	<2	<2	<2	<2	<40
Dup	09/08/94	19	<2	<2	120	<20	6	<2	<2	<2	<2	<40
	12/21/94	26	<2	6	130	<20	4	<2	<2	<2	10	<40
	03/13/95	16	<2	<2	100	<20	6	<2	<2	<2	<2	<40
	06/12/95	22	<2	<2	130	<20	6	<2	<2	<2	<2	<40
	09/06/95	31	<5	<5	190	<10	<5	<5	<5	<5	<5	<10
Dup	09/06/95	30	<5	<5	200	<10	<5	<5	<5	<5	<5	<10
	12/15/95	34	<2	<2	210	nr	5	<2	<2	<2	<2	nr
	03/01/96	30	<5	<5	170	<10	<5	<5	<5	<5	<5	<10
	06/06/96	28	<5	<5	170	nr	<5	<5	<5	<5	<5	<10
Dup	06/06/96	29	<5	<5	170	nr	<5	<5	<5	<5	<5	<10
	09/19/96	22	<5	<5	150	<50	<5	<5	<5	<5	<5	<50
	12/18/96	28	<2	<2	170	<20	6.1	<2	<2	<2	<2	<20
	05/08/97	33	<2.5	<2.5	170	<25	5.1	<2.5	<2.5	<2.5	<2.5	<25
	07/02/97	29	<2.0	<2.0	160	<20	4.4	<2.0	<2.0	<2.0	<2.0	<20
	07/24/97	31	<2.5	<2.5	150	<25	4.9	<2.5	<2.5	<2.5	10	<25
	08/05/97	33	<2.5	<2.5	160	<25	5.2	<2.5	<2.5	<2.5	15	<25
	08/21/97	30	<2.5	<2.5	150	<25	5.0	<2.5	<2.5	<2.5	<2.5	<25
	09/04/97	29	<2.5	<2.5	140	<25	4.7	<2.5	<2.5	<2.5	21	<25
Dup	09/04/97	28	<2.5	<2.5	150	<25	4.5	<2.5	<2.5	<2.5	19	<25
	09/17/97	29	<2.5	<2.5	160	<25	4.9	<2.5	<2.5	<2.5	19	<25
	03/04/99	22	<0.5	<0.5	120	nm	6.9	<0.5	<0.5	<0.5	<0.5	nm
	09/28/98	51	< 1	2.1	230	nr	< 1	< 1	< 1	< 1	< 1	nr
	10/21/98	35	< 1	< 1	140	nr	2	< 1	< 1	< 1	< 1	nr
	07/14/99	38	< 0.5	< 0.5	170	nr	1.2	< 0.5	2.8	< 0.5	< 0.5	nr
	06/22/00	24	<0.5	<0.5	110	nr	11	<0.5	<0.5	<0.5	<0.5	nr

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-12S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-12S	11/18/91	300	-	17	900	-	-	-	-	-	-	-
	06/16/92	250	<5	<5	660	<10	<5	<5	<5	<5	<5	<10
Dup	06/16/92	260	<5	<5	710	<10	<5	<5	<5	<5	<5	<10
	09/22/92	130	7	1	500	<5	3	<1	3	<1	<1	<5
	12/08/92	160	<5	<5	550	<30	5	<5	<5	<5	<5	<30
	03/17/93	100	7	<2	410	<5	4	8	3	<2	<2	<10
	06/07/93	130	2	<2	370	<20	5	<2	<2	<2	<2	<40
	08/25/93	100	<4	<4	390	<40	<4	<4	<4	<4	9	<80
	11/19/93	45	9	<2	220	<20	<2	<2	<2	<2	<2	<40
	02/24/94	89	8	<2	270	<20	3	<2	<2	<2	<2	<40
Dup	02/24/94	77	8	<2	220	<20	3	<2	<2	<2	<2	<40
	06/13/94	84	15	<2	270	<20	3	<2	2	<2	<2	<40
	09/09/94	97	<2	<2	160	<20	<2	<2	<2	<2	<2	<40
	12/22/94	52	17	<2	190	<20	2	<2	<2	<2	<2	<40
	03/14/95	53	18	<2	230	<20	<2	<2	3	<2	<2	<40
	06/12/95	72	28	<2	330	<20	<2	<2	3	<2	<2	<40
	09/06/95	60	32	<5	300	<10	<5	<5	<5	<5	<5	<10
	12/15/95	44	10	<2	140	nr	3	<2	2	<2	<2	nr
	03/01/96	47	13	<5	150	<10	<5	<5	<5	<5	<5	<10
	06/07/96	37	12	<5	140	nr	<5	<5	<5	<5	<5	<10
	09/19/96	48	15	<2	150	<20	2.5	<2	2.2	<2	<2	<20
	12/18/96	43	16	<2	150	<20	2.5	<2	2.0	<2	<2	<20
	05/08/97	47	16	<2.5	150	<25	2.6	<2.5	<2.5	<2.5	<2.5	<25
	07/02/97	38	14	<2.0	130	<20	2.4	<2.0	<2.0	<2.0	<2.0	<20
Dup	07/02/97	38	14	<2.0	130	<20	2.4	<2.0	<2.0	<2.0	<2.0	<20
	07/23/97	34	14	<2.0	140	<20	2.2	<2.0	<2.0	<2.0	9.2	<20
	08/06/97	42	14	<2.0	140	<20	2.8	<2.0	<2.0	<2.0	20	<20
	08/21/97	39	13	<2.0	120	<20	2.4	<2.0	2.0	<2.0	<2.0	<20
	09/04/97	37	18	<2.5	130	<25	2.9	<2.5	<2.5	<2.5	20	<25
	09/17/97	40	13	<2.5	150	<25	3.0	<2.5	<2.5	<2.5	27	<25
	09/23/98	120	130	< 2.5	600	<25	3.8	< 2.5	10	< 2.5	< 2.5	<25
Dup	09/23/98	34	11	< 2.5	120	<25	< 2.5	< 2.5	< 2.5	< 2.5	23	<25
	10/21/98	120	110	< 2.5	530	nr	3	< 2.5	9	< 2.5	< 2.5	nr
	03/02/99	46	19	< 0.5	140	nr	2.5	< 0.5	1.9	< 0.5	< 0.5	nr
	07/13/99	49	20	< 0.5	130	nr	3	< 0.5	1.9	< 0.5	< 0.5	nr
	06/21/00	47	24	<0.5	160	nr	1.9	<0.5	2.8	<0.5	<0.5	nr

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS DAC-P1
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
DAC-P1	10/09/89	<200	<200	<200	17,000	<1,000	<200	<200	85	<200	<200	<1,000
	06/17/92	<5	<5	<5	21,000	<10	13	<5	10	<5	<5	<10
	06/23/92	4	<1	<1	28,000	<5	71	1	54	5	<1	<5
Dup	06/23/92	4	<1	<	28,000	<5	70	2	51	5	<1	<5
	12/09/92	<300	<500	<500	29,000	<3,000	<500	<500	<500	<500	<500	<3,000
	03/18/93	21	<2	44	21,000	7	68	2	44	5	260	<10
	06/08/93	<200	<100	<100	28,000	<1,000	<100	<100	<100	<100	130	<2,000
	08/25/93	<400	<200	<200	27,000	<2,000	<200	<200	<200	<200	300	<4,000
	11/19/93	<40	<20	<20	24,000	<200	81	<20	52	<20	<20	<400
	02/24/94	<40	<20	<20	20,000	<200	89	<20	47	<20	<20	<400
	06/13/94	<40	<20	<20	20,000	<200	92	<20	46	<20	<20	<400
	09/09/94	<400	<200	<200	18,000	<2,000	<200	<200	<200	<200	<200	<4,000
	12/22/94	<400	<200	<200	11,000	<2,000	<200	<200	<200	<200	<200	<4,000
	03/14/95	<400	<200	<200	21,000	<2,000	<200	<200	<200	<200	<200	<4,000
	06/13/95	<400	<200	<200	18,000	<2000	<200	<200	<200	<200	<200	<4,000
	09/07/95	12	<5	<5	13,000	<10	89	<5	33	<5	53	<10
	12/16/95	120	2	38	20,000	nr	130	5	45	5	680	nr
	03/04/96	100	<100	<100	15,000	<200	100	<100	<100	<100	260	<200
	03/04/96	100	<100	<100	16,000	<200	100	<100	<100	<100	250	<200
	06/07/96	190	<50	<50	13,000	nr	95	<50	<50	<50	490	<100
Dup	06/07/96	180	<25	45	12,000	nr	95	<25	29	<25	490	<50
	09/19/96	350	<250	<250	15,000	<2,500	<250	<250	<250	<250	740	<2,500
	12/19/96	<500	<500	<500	15,000	<5,000	<500	<500	<500	<500	610	<5,000
	05/09/97	<250	<250	<250	15,000	<2,500	<250	<250	<250	<250	<250	<2,500
	07/08/97	<250	<250	<250	13,000	<2,500	<250	<250	<250	<250	450	<2,500
	07/24/97	<50	<50	<50	3,200	<500	<50	<50	<50	<50	110	<500
	08/06/97	<250	<250	<250	15,000	<2,500	<250	<250	<250	<250	460	<2,500
	08/22/97	470	<250	<250	17,000	<2,500	<250	<250	<250	<250	1,300	<2,500
	09/05/97	270	<250	<250	15,000	<2,500	<250	<250	<250	<250	810	<2,500
	09/18/97	<250	<250	<250	14,000	<2,500	<250	<250	<250	<250	540	<2,500
	04/08/99	< 50	< 50	< 50	14,000	nr	69	< 50	< 50	< 50	< 50	nr
	07/16/99	< 125	< 125	< 125	18,000	nr	< 125	< 125	< 125	< 125	< 125	nr
	06/26/00	<50	<50	<50	14,000	<50	79	<50	<50	<50	<50	nr

Table 4-1
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-1D
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1D	07/25/89	<1	<1	<1	2	<5	1	<1	<1	<1	1	-
	08/23/89	<1	<1	1	2	<5	<1	<1	<1	<1	<1	-
	11/15/91	90	-	8	40	-	-	-	-	-	20	-
Dup	06/15/92	1,500	<25	63	230	<50	<25	<25	<25	<25	<25	<50
	06/15/92	1,300	<25	64	210	<65	<25	<25	<25	<25	<25	<50
Dup	09/22/92	180	<1	8	44	<5	2	<1	<1	<1	<1	<5
	12/07/92	160/150	<1	8	41	<5	2	<1	1	<1	<1	<5
Dup	12/07/92	150	<1	160	6	<5	<1	<1	1	<1	3	<5
	03/16/93	200	<2	19	23	<5	3	<2	<2	<2	<2	<10
Dup	06/08/93	500	<10	<14	71	<100	<10	<10	<10	<10	<10	<200
	06/08/93	480	<4	17	72	<40	<4	<4	<4	<4	<4	<80
Dup	08/24/93	540	<2	16	67	<20	3	2	<2	<2	2	<40
	11/18/93	880	<2	16	110	<20	3	3	<2	<2	<2	<40
Dup	2/23/94	140	<2	3	14	<20	<2	<2	<2	<2	<2	<40
	6/10/94	230	<2	4	24	<20	<2	<2	<2	<2	<2	<40
Dup	09/08/94	210	<2	4	37	<20	<2	<2	<2	<2	<2	<40
	12/22/94	600	<2	10	71	<20	2	2	<2	<2	2	<40
Dup	3/13/95	240	<4	<4	38	<40	<4	<4	<4	<4	<4	<80
	06/13/95	170	<2	<2	21	<20	2	<2	<2	<2	<2	<40
Dup	09/03/95	150	<5	<5	29	<10	<5	<5	<5	<5	<5	<10
	12/16/95	12	<2	<2	23	nr	3	<2	<2	<2	<2	nr
Dup	02/29/96	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10
	02/29/96	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<10
Dup	06/06/96	<5	<5	<5	<5	nr	<5	<5	<5	<5	<5	<10
	09/18/96	<1	<1	<1	3.5	<10	1.3	<1	<1	<1	<1	<10
Dup	09/18/96	<1	<1	<	3.8	<10	1.4	<1	<1	<	<1	<10
	12/18/96	<1	<1	<1	3.5	<10	1.4	<1	<1	<1	<1	<10
Dup	05/07/97	<1	<1	<1	3.1	<10	1.2	<1	<1	<1	<1	<10
	07/08/97	<1.0	<1.0	<1.0	3.3	<10	1.1	<1.0	<1.0	<1.0	<1.0	<10
Dup	07/23/97	2.1	<1.0	<1.0	14.0	<10	1.2	<1.0	<1.0	<1.0	7.5	<10
	08/05/97	3.4	<1.0	<1.0	20	<10	1.3	<1.0	<1.0	<1.0	14	<10
Dup	08/20/97	<1.0	<1.0	<1.0	2.6	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/04/97	6.3	<1.0	1.2	25	<10	1.6	<1.0	<1.0	<1.0	27	<10
Dup	09/17/97	6.0	<1.0	1.2	28	<10	1.5	<1.0	<1.0	<1.0	26	<10

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS WCC-3D
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-3D	07/25/89	<1	<1	49	4	<5	11	<1	<1	<1	3	-
	08/23/89	<10	<10	32	<10	<50	<10	<10	<10	<10	<10	-
	11/14/91	20	-	60	-	-	-	-	-	-	-	-
	06/16/92	510	<5	880	23	<10	<5	<5	<5	<5	8	<10
	09/22/92	21	<1	27	2	<5	<1	<1	<1	<1	<1	<5
	12/07/92	120	<1	130	5	<5	<1	<1	1	<1	3	<5
	03/16/93	950	6	2,000	50	<5	2	9	<2	<2	6	<10
	Dup 03/16/93	1,000	6	2,000	47	<5	2	9	<2	<2	6	<10
	06/09/93	110	<2	110	6	<20	<2	<2	<2	<2	<2	<40
	08/24/93	120	<2	100	5	<20	<2	<2	<2	<2	3	<40
11/18/93	610	<2	410	17	<20	<2	4	<2	<2	6	<40	
Dup 11/18/93	840	<4	640	23	<40	4	4	<4	<4	8	<80	
Dup 2/23/94	370	<4	530	23	<40	<4	<4	<4	<4	12	<80	
2/23/94	420	,4	590	25	<40	<4	<4	<4	<4	13	<80	
6/13/94	720	<10	1,300	96	<100	<10	<10	<10	<10	<10	<200	
09/09/94	3,700	<50	5,600	490	<500	<50	<50	<50	<50	<50	<1,000	
12/21/94	5,200	10	6,300	540	<40	15	22	<4	9	5,100	<80	
03/14/95	3,300	<40	4,000	370	<400	<40	<40	<40	<40	3,200	<800	
Dup 03/14/95	3,200	<20	3,900	380	<200	<20	<20	<20	<20	3,400	<400	
06/13/95	1,800	<10	2,100	200	<100	<10	<10	<10	<10	1,700	<200	
09/07/95	3,400	13	4,100	520	170	60	30	<5	13	4,700	<10	
12/16/95	111	<2	90	32	nr	3	<2	<2	<2	88	nr	
3/04/96	53	<5	40	23	<10	<5	<5	<5	<5	6	<10	
06/07/96	84	<5	59	60	nr	<5	<5	<5	<5	21	<10	
09/19/96	52	<1	24	61	<10	2.2	<1	<1	<1	12	<10	
12/19/96	97	1.3	67	42	<10	5.4	<1	<1	<1	20	<10	
05/08/97	43	<1	11	63	<10	1.7	<1	<1	<1	2.7	<10	
07/08/97	70	<1.0	15	87	<10	2.3	<1.0	<1.0	<1.0	14	<10	
Dup 07/08/97	30	<1.0	6	45	<10	1.1	<1.0	<1.0	<1.0	6	<10	
07/24/97	55	<1.0	7.9	79	<10	2.1	<1.0	<1.0	<1.0	12	<10	
07/24/97	53	<1.0	8.5	89	<10	1.9	<1.0	<1.0	<1.0	12	<10	
08/06/97	34	<1.0	8.8	58	<10	2.0	<1.0	<1.0	<1.0	17	<10	
Dup 08/06/97	34	<1.0	8.6	56	<10	2.2	<1.0	<1.0	<1.0	17	<10	
08/22/97	61	<1.0	21	70	<10	1.9	<1.0	<1.0	<1.0	21	<10	
Dup 08/22/97	60	<1.0	22	72	<10	1.8	<1.0	<1.0	<1.0	22	<10	
09/05/97	53	<1.0	15	66	<10	2.0	<1.0	<1.0	<1.0	29	<10	
Dup 09/05/97	48	<1.0	14	63	<10	1.9	<1.0	<1.0	<1.0	27	<10	
09/18/97	35	<1.0	18	47	<10	1.7	<1.0	<1.0	<1.0	32	<10	
09/28/98	1,200	< 5	1,300	62	nr	18	6.1	< 5	< 5	58	nr	
10/21/98	50	< 0.5	54	8	nr	2	< 0.5	< 0.5	< 0.5	27	nr	
03/05/99	32	< 0.5	57	7.9	nr	1.3	< 0.5	< 0.5	< 0.5	44	nr	
Dup 03/05/99	28	< 0.5	49	7.7	nr	1.4	< 0.5	< 0.5	< 0.5	37	nr	

Dup	07/16/99	4.7	< 0.5	6.4	6.2	nr	1.8	< 0.5	< 0.5	< 0.5	1.7	nr
	07/16/99	4.4	< 0.5	5.7	5.8	nr	1.9	< 0.5	< 0.5	< 0.5	1.3	nr
	06/26/00	54	<0.5	50	9.9	nr	2.1	<0.5	<0.5	<0.5	37	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS TMW-1 THROUGH TMW-7
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
TMW-1	07/15/98	900	< 5	12	540	nr	< 5	< 5	7.1	< 5	< 5	nr
	09/22/98	730	< 5	5.6	410	nr	< 5	< 5	5.4	< 5	< 5	nr
	10/19/98	670	< 2.5	4	370	nr	< 2.5	< 2.5	4.7	< 2.5	< 2.5	nr
	03/05/99	330	< 1.25	1.3	320	nr	< 1.25	< 1.25	4.7	< 1.25	< 1.25	nr
	07/15/99	600	< 2.5	< 2.5	340	nr	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	nr
	06/23/00	340	< 2.5	< 2.5	350	nr	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	nr
TMW-2	07/15/98	36,000	< 250	6,900	34,000	nr	710	630	350	< 250	< 250	nr
	09/23/98	34,000	1,500	5,600	31,000	nr	770	650	290	< 250	< 250	nr
	10/20/98	33,000	1,600	5,100	32,000	nr	810	700	270	< 125	< 125	nr
	03/06/99	39,000	1,600	4,300	36,000	nr	660	600	250	< 125	< 125	nr
	07/16/99	43000	1900	2700	32000	nr	1,000	930	280	< 125	< 125	nr
	06/26/00	28,000	1,400	1,900	28,000	nr	850	580	230	< 100	480	nr
TMW-3	07/31/98	200	< 50	< 50	8,100	nr	< 50	< 50	< 50	< 50	< 50	nr
	09/22/98	150	< 100	< 100	12,000	nr	< 100	< 100	< 100	< 100	< 100	nr
	10/20/98	330	< 50	< 50	9,900	nr	< 50	< 50	< 50	< 50	< 50	nr
	03/05/99	210	< 50	< 50	8,200	nr	< 50	< 50	< 50	< 50	< 50	nr
	07/15/99	340	< 50	< 50	7800	nr	< 50	< 50	< 50	< 50	< 50	nr
	06/22/00	96	< 10	< 10	3,500	nr	12	< 10	< 10	< 10	< 10	nr
TMW-4	07/14/98	1,500	55	< 25	2,300	nr	110	66	< 25	< 25	< 25	nr
	09/22/98	1,800	47	19	2,600	nr	83	58	21	< 10	< 10	nr
	10/20/98	2,400	56	22	2,900	nr	98	73	20	10	< 10	nr
	03/04/99	2,000	< 50	< 50	2,900	nr	64	54	< 50	< 50	< 50	nr
	07/15/99	2500	42	10	2500	nr	77	64	30	< 10	< 10	nr
	06/22/00	890	22	< 5.0	1,700	nr	39	27	17	< 5	< 5	nr
TMW-5	07/14/98	460	< 25	< 25	3,700	nr	< 25	< 25	< 25	< 25	< 25	nr
	09/22/98	470	< 12.5	< 12.5	3,500	nr	< 12.5	< 12.5	24	< 12.5	< 12.5	nr
	10/19/98	530	< 25	< 25	5,000	nr	< 25	< 25	28	< 25	< 25	nr
	03/04/99	500	< 50	< 50	< 50	nr	< 50	< 50	4,500	< 50	< 50	nr
	07/14/99	710	< 50	< 50	4300	nr	< 50	< 50	< 50	< 50	< 50	nr
	07/15/99	8.6	< 2.5	< 2.5	130	nr	< 2.5	< 2.5	560	< 2.5	< 2.5	nr
06/22/00	650	< 13	< 13	4,100	nr	< 13	< 13	< 13	< 13	< 13	nr	
TMW-6	07/14/98	26	< 2.5	< 2.5	490	nr	3.4	< 2.5	550	< 2.5	< 2.5	nr
	09/22/98	11	< 2.5	< 2.5	240	nr	< 2.5	< 2.5	630	< 2.5	< 2.5	nr
	10/19/98	11	< 2.5	< 2.5	210	nr	< 2.5	< 2.5	500	< 2.5	< 2.5	nr
	03/04/99	8.4	< 2.5	< 2.5	170	nr	< 2.5	< 2.5	630	< 2.5	< 2.5	nr
	06/22/00	< 2.5	< 2.5	< 2.5	540	nr	< 2.5	< 2.5	100	< 2.5	< 2.5	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS TMW-8 THROUGH TMW-14
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
TMW-7	07/14/98	3,000	73	20	3,500	nr	120	83	26	40	< 12.5	nr
	09/22/98	1,700	36	< 12.5	2,700	nr	70	48	13	19	< 12.5	nr
	10/20/98	2,400	44	< 10	3,000	nr	89	65	14	23	< 10	nr
	03/05/99	2,200	41	< 12.5	2,900	nr	75	54	13	16	< 12.5	nr
	07/15/99	2100	36	< 12.5	2500	nr	69	57	13	13	< 12.5	nr
	06/23/00	850	<10	<10	2,000	nr	34	24	<10	<10	<10	nr
TMW-8	07/15/98	7,000	96	37	5,700	nr	140	120	38	62	< 25	nr
	09/22/98	2,000	31	< 12.5	2,600	nr	54	40	14	23	< 12.5	nr
	10/20/98	1,300	18	< 10	2,100	nr	32	25	< 10	13	< 10	nr
	03/05/99	3,800	52	< 12.5	3,900	nr	93	71	21	38	< 12.5	nr
	07/15/99	3500	52	< 12.5	3000	nr	92	74	16	27	< 12.5	nr
	06/23/00	2,300	45	<13	2,900	nr	81	56	<13	23	<13	nr
TMW-9	07/14/98	24	< 1	< 1	290	nr	< 1		2.9	< 1	< 1	nr
	09/22/98	14	< 1	< 1	250	nr	< 1	< 1	2	< 1	< 1	nr
	10/19/98	51	< 2.5	< 2.5	420	nr	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	nr
	03/04/99	110	< 5	< 5	760	nr	< 5	< 5	< 5	< 5	< 5	nr
	07/14/99	290	< 5	< 5	1200	nr	< 5	< 5	< 5	< 5	< 5	nr
	06/23/00	220	<5	<5	1,000	nr	<5	<5	<5	<5	<5	nr
TMW-10	03/03/99	< 0.5	< 0.5	< 0.5	3.8	nr	< 0.5	< 0.5	4.2	< 0.5	< 0.5	nr
	07/13/99	0.58	< 0.5	< 0.5	4.4	nr	< 0.5	< 0.5	4.9	< 0.5	< 0.5	nr
	06/20/00	<0.5	<0.5	<0.5	4.1	nr	<0.5	<0.5	4.7	<0.5	<0.5	nr
TMW-11	03/03/99	< 1.25	< 1.25	< 1.25	21	nr	< 1.25	< 1.25	430	< 1.25	< 1.25	nr
	07/13/99	1.5	< 1.25	< 1.25	23	nr	< 1.25	< 1.25	450	< 1.25	< 1.25	nr
	06/20/00	<2.5	<2.5	<2.5	47	nr	<2.5	<2.5	740	<2.5	<2.5	nr
TMW-12	03/03/99	20	< 10	< 10	700	nr	< 10	< 10	3,100	< 20	< 10	nr
	07/13/99	32	< 10	< 10	760	nr	< 10	< 10	2,800	< 20	< 10	nr
	06/21/00	25	<10	<10	440	nr	<10	<10	2,100	<10	<10	nr
TMW-13	03/03/99	< 0.5	< 0.5	< 0.5	120	nr	< 0.5	< 0.5	31	< 0.5	< 0.5	nr
	07/13/99	0.6	< 0.5	< 0.5	116	nr	< 0.5	< 0.5	29	< 0.5	< 0.5	nr
	06/21/00	<0.5	<0.5	<0.5	97	nr	<0.5	<0.5	14	<0.5	<0.5	nr
TMW-14	03/03/99	< 0.5	< 0.5	< 0.5	15	nr	< 0.5	< 0.5	4.6	< 0.5	< 0.5	nr
	07/13/99	< 0.5	< 0.5	< 0.5	13	nr	< 0.5	< 0.5	4.4	< 0.5	< 0.5	nr
	06/21/00	<0.5	<0.5	<0.5	10	nr	<0.5	<0.5	5.8	<0.5	1.3	nr

Table 4-1
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS TMW-15 THROUGH TMW-17
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
TMW-15	03/03/99	0.96	< 0.5	< 0.5	40	nr	< 0.5	< 0.5	12	< 0.5	< 0.5	nr
	07/13/99	1.5	< 0.5	< 0.5	39	nr	< 0.5	< 0.5	11	< 0.5	< 0.5	nr
	06/22/00	1.7	< 0.5	< 0.5	35	nr	< 0.5	< 0.5	11	< 0.5	< 0.5	nr
TMW-16	03/06/99	< 0.5	< 0.5	< 0.5	4.5	nr	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	nr
	07/16/99	< 0.5	< 0.5	< 0.5	2.7	nr	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	nr
	06/26/00	2.7	< 0.5	< 0.5	2.9	nr	< 0.5	< 0.5	< 0.5	< 0.5	6.2	nr
TMW-17	05/20/99	< 0.5	< 0.5	< 0.5	32	nr	< 0.5	< 0.5	1.5	< 0.5	< 0.5	nr
	07/14/99	< 0.5	< 0.5	< 0.5	32	nr	< 0.5	< 0.5	1.6	< 0.5	< 0.5	nr
	01/14/00	< 0.5	< 0.5	< 0.5	25	nr	< 0.5	< 0.5	1.6	< 0.5	< 1.0	nr

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-1S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
KJ 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-1S	03/27/87	-	-	-	-	-	-	-	-	-	-	-
	04/13/87	-	-	-	-	-	-	-	-	-	-	-
Dup	04/13/87	-	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-	-
	06/17/92	-	-	-	-	-	-	-	-	-	<300	-
	09/23/92	<1	<1	<1	<1	4	<1	<1	<1	<1	<5	22
	12/09/92	<30	<30	<30	<30	40	<30	<30	<30	<30	<100	<30
	03/18/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	06/08/93	<20	<20	<20	<20	<100	<20	<20	<20	<20	<400	<20
	08/25/93	<20	<20	<20	<20	<40	<20	<40	<20	<20	<400	<20
	11/19/93	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
	02/24/94	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
	06/13/94	<10	<10	<10	<10	<50	<10	<20	<10	<30	<200	<10
	09/09/94	<40	<40	<40	<40	<200	<40	<80	<40	<120	<800	<40
	12/22/94	<20	<20	<20	<20	<100	<20	<40	<20	<40	<400	<20
	03/14/95	<20	<20	<20	<20	<100	<20	<40	<20	<40	<400	<20
	06/13/95	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
	09/07/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
Dup	12/15/96	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	03/04/96	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20
	06/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/19/96	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	12/18/96	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
Dup	12/18/96	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	05/08/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	07/08/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	07/24/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	08/06/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	08/22/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	09/05/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	09/17/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	Well abandoned											

Table 4-2
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-2S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-2S	11/02/87	-	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-	-
	06/16/92	-	-	-	-	-	-	-	-	-	<10	-
	09/22/92	<1	<1	<1	<1	11	<1	<1	<1	<1	<5	<1
	Dup 09/22/92	<1	<1	<1	<1	9	<1	<1	<1	<1	<5	<1
	Dup 12/08/92	<1	<1	<1	<1	5	<1	<1	<1	<1	6	<1
	Dup 12/08/92	<1	<1	<1	<1	2	<1	<1	<1	<1	<5	<1
Dup	03/17/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	Dup 03/17/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	08/24/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	11/19/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	02/24/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
	09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
	12/22/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	03/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	09/06/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	03/01/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/06/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/19/96	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<10	<5
	12/18/96	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10
	05/07/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	Dup 05/07/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	Well abandoned											

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-3S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-3S												
Dup	11/02/87	-	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-	-
	06/17/92	-	-	-	-	-	-	-	-	-	<30,000	-
	09/23/92	<500	<500	<500	<500	900	<500	<500	<500	<500	<3,000	<500
	12/09/92	<500	<500	<500	<500	<500	<500	<500	<500	<500	<3,000	<500
	03/18/93	<25	100	<10	<10	<50	<10	55	<25	120	<50	<25
Dup	03/18/93	<25	95	<10	<10	<50	<10	60	<25	110	<50	<25
	06/08/93	<100	<100	<100	<100	<200	<100	<200	<100	<100	<2,000	<100
	08/25/93	<400	<400	<400	<400	<800	<400	<800	<400	<400	<8,000	<400
Dup	08/25/93	<10	86	21	<10	<50	<10	52	<10	154	<200	<10
	11/19/93	<200	<200	<200	<200	<1,000	<200	<200	<200	<200	<4,000	<200
	02/24/94	<200	<200	<200	<200	<1,000	<200	<400	<200	<200	<4,000	<200
	06/13/94	<200	<200	<200	<200	<1000	<200	<400	<200	<600	<4000	<200
	09/09/94	<500	<500	<500	<500	<2500	<500	<1000	<500	<1500	<10000	<500
	09/09/94	<500	<500	<500	<500	<2500	<500	<1000	<500	<1500	<10000	<500
	12/22/94	<200	<200	<200	<200	<1,000	<200	<400	<200	<400	<4,000	<200
	03/14/95	<200	<200	<200	<200	<1,000	<200	<400	<200	<400	<4,000	<200
	06/13/95	<400	<400	<400	<400	<2,000	<400	<800	<400	<400	<8,000	<400
	09/07/95	<5	99	18	<5	23	<5	64	<5	137	39	<5
	12/16/95	<2	41	8	<2	<2	<2	22	<2	42	<2	<2
	03/04/96	<50	<50	<50	<50	<50	<50	<50	<50	<100	<100	<50
	03/04/96	<5	41	7	<5	13	<5	12	<5	37	19	<5
	09/19/96	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5,000	<2,500
	12/19/96	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	05/08/97	<120	<120	<120	<120	<120	<120	<120	<120	<120	<1,200	<620
	05/08/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<1,200	<1,200
	07/08/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	07/24/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	08/06/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	08/22/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	09/05/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	09/18/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
Dup	09/18/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	09/23/98	< 250	870	< 250	< 250	< 1250	< 250	< 250	< 250	<500	nr	< 250
	10/22/98	< 250	1100	< 250	< 250	< 1250	< 250	< 250	< 250	<500	nr	< 250
	03/06/99	< 250	500	< 250	< 250	< 1250	< 250	< 250	< 250	<500	nr	< 250
	07/16/99	< 250	780	< 250	< 250	< 1250	< 250	< 250	< 250	<500	nr	< 250
	06/26/00	<125	<125	<125	nr	<625	<125	<125	<125	<250	nr	<125

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-4S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-4S	11/02/87	-	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-	-
	06/17/92	-	-	-	-	-	-	-	-	-	<150	-
	09/23/92	<10	<10	<10	<10	20	<10	<10	<10	<10	<50	<10
	12/08/92	<10	<10	<10	<10	50	<10	<10	<10	<10	<50	<10
	03/17/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	06/08/93	<10	<10	<10	<10	<40	<10	<20	<10	<10	<200	<10
	08/25/93	<10	<10	<10	<10	<20	<10	<20	<10	<10	<200	<10
	11/19/93	<4	<4	<4	<4	<20	<4	<8	<4	<4	<80	<4
	02/24/94	<4	<4	<4	<4	<20	<4	<8	<4	<4	<80	<4
	06/14/94	<4	<4	<4	<4	<20	<4	<8	<4	<12	<80	<4
	09/09/94	<20	<20	<20	<20	<100	<20	<40	<20	<60	<400	<20
	12/22/94	<10	<10	<10	<10	<50	<10	<20	<10	<20	<200	<10
	03/14/95	<4	<4	<4	<4	<20	<4	<8	<4	<8	<80	<4
	06/13/95	<6.6	<6.6	<6.6	<6.6	<33	<6.6	<13	<6.6	<6.6	<130	<6.6
	09/07/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	03/04/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/19/96	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	12/18/96	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	05/08/97	<12	<12	<12	<12	<12	<12	<12	<12	<12	<120	<62
	07/08/97	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	07/24/97	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	08/06/97	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	08/22/97	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	09/05/97	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	09/17/97	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<120
	09/28/98	< 2.5	24	< 2.5	< 2.5	< 12.5	< 2.5	18	< 2.5	<5	nr	< 2.5
	10/21/98	< 5	19	< 5	< 5	< 25	< 5	11	< 5	<10	nr	< 5
	03/04/99	< 10	<10	< 10	< 10	< 50	< 10	< 10	< 10	<20	nr	< 10
	07/14/99	< 10	<10	< 10	< 10	< 50	< 10	< 10	< 10	<20	nr	< 10
	06/21/00	< 10	<10	< 10	nr	< 50	< 10	< 10	< 10	<20	nr	< 10

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-5S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra- Chloride	1,2-DCA	Ethyl- Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro- fluoromethane	Total Xylenes	Acetone	Carbon Disulfide	
WCC-5S	11/30/87	-	-	-	-	-	-	-	-	-	-	-	
	01/08/88	-	-	-	-	-	-	-	-	-	-	-	
	07/13/89	-	-	-	-	-	-	-	-	-	-	-	
	08/23/89	-	-	-	-	-	-	-	-	-	-	-	
	11/19/91	-	-	-	-	-	-	-	-	-	-	-	
	06/15/92	-	-	-	-	-	-	-	-	-	<10	-	
	09/21/92	<1	<1	<1	<1	8	<1	<1	3	<1	<5	<1	
	12/07/92	<1	<1	<1	<1	3	<1	<1	<1	<1	<5	<1	
	03/16/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5	
	06/07/93	<2	<2	<2	<2	<4	<4	<2	<2	<2	<40	<2	
	08/24/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2	
	11/18/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2	
	02/23/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	4	
	Dup	06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
		06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
		09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
		12/21/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
		03/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
		06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	2
09/06/95		<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
12/12/95		<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	
02/29/96		<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	
06/06/96		<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
09/18/96		<1	<1	<1	1.2	<1	<1	<1	<1	<1	<10	<5	
12/17/96		<1	<1	<1	2.0	<1	<1	<1	<1	<1	<10	<5	
05/07/97		<1	<1	<1	1.2	<1	<1	<1	<1	<1	<10	<5	
07/02/97		<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5	
07/23/97		<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5	
08/05/97		<1	<1	<1	1.2	<1	<1	<1	<1	<1	<10	<5	
08/20/97		<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5	
09/04/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5		
09/16/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5		
09/28/98	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5	
10/20/98	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5	
03/04/99	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5	
07/15/99	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5	
06/22/00	<0.5	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5	

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-6S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-6S	10/06/89	-	-	-	-	-	-	-	-	-	-	-
	11/16/91	-	-	-	-	-	-	-	-	-	-	-
	06/17/92	-	-	-	-	-	-	-	-	-	<3,000	-
	09/23/92	<1	5	5	<1	5	<1	96	<1	26	78	<1
	12/09/92	<50	<80	<50	<50	100	<50	60	<50	<50	<300	<50
Dup	12/09/92	<100	<80/<11	<10	<100	200	<10	100	<100	<100	<600	<100
	03/17/93	<25	<80/<12	<10	<25	<50	<10	<10	<25	20	<50	<25
	06/08/93	<100	<80/<13	<100	<100	<200	<100	<200	<100	<100	<2,000	<100
	08/25/93	<100	<80/<14	<100	<100	<200	<100	<200	<100	<100	<2,000	<100
	11/19/93	<10	<80/<15	<10	<10	<50	<10	<20	<10	<10	<200	<10
	02/24/94	<10	<80/<16	10	<10	<50	<10	74	<10	58	230	<10
	06/13/94	<10	<80	<10	<10	<50	<10	69	<50	51	<200	<10
Dup	06/13/94	<100	<17	<100	<10	<500	<100	<200	<100	<300	<2000	<10
	09/09/94	Not sampled; well head obstructed.										
	12/22/94	<200	<200	<200	<200	<1,000	<200	<400	<200	<400	<4,000	<200
	03/14/95	<20	26	<20	<20	<100	<20	<40	<20	<40	<400	<20
	06/13/95	<20	51	<20	<20	<100	<20	60	<20	<20	<400	<20
	09/07/95	<5	1	<5	<5	<5	<5	1	<5	1	<10	<5
Dup	09/07/95	<5	1	<5	<5	<5	<5	1	<5	1	<10	<5
	12/16/95	<2	41	5	<2	<2	<2	76	<2	28	<2	<2
	03/04/96	<50	<50	<50	<50	<50	<50	61	<50	<100	<100	<50
	06/07/96	<25	39	<25	<25	<25	<25	53	<25	<25	<50	<25
Dup	09/19/96	250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	09/19/96	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
Dup	12/19/96	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
	12/19/96	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
Dup	05/09/97	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
Dup	05/09/97	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
	07/08/97	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
	07/24/97	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
	08/06/97	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
	09/18/97	<100	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<500
	09/23/98	< 12.5	16	< 12.5	< 12.5	< 62.5	< 12.5	< 12.5	< 12.5	<25	nr	< 12.5
	10/22/98	< 10	20	< 10	< 10	< 50	< 10	< 10	< 10	<20	nr	< 10
	03/06/99	< 50	110	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	< 50
	07/16/99	< 50	94	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	< 50
	06/26/00	<25	<25	<25	nr	<125	<25	<25	<25	<50	nr	<25

Table 4-2
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-7S
 GROUNDWATER STATUS REPORT
 BOEING REALTY CORPORATION, FORMER C-6 FACILITY
 LOS ANGELES, CALIFORNIA
 K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide	
WCC-7S	07/13/89	-	-	-	-	-	-	-	-	-	-	-	
	08/23/89	-	-	-	-	-	-	-	-	-	-	-	
	11/18/91	-	-	-	-	-	-	-	-	-	-	-	
	06/17/92	-	-	-	-	-	-	-	-	-	<30	-	
	09/23/92	<5	<5	<5	<5	10	<5	<5	<5	<5	<30	<5	
	12/08/92	<5	<5	<5	<5	10	<5	<5	<5	<5	<30	<5	
	03/17/93	<5	<2	<2	<2	<10	<2	<2	<5	<5	<10	<5	
	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2	
	08/25/93	<4	<4	<4	<4	31	<4	<8	<4	<4	<80	<4	
	11/19/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2	
	02/24/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2	
	06/13/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2	
	09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2	
	12/22/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2	
	03/14/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2	
	06/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2	
	Dup	06/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
		09/07/95	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5
		12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
		03/01/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
06/07/96		<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
09/19/96		<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10	
12/18/96		<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10	
05/08/97		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
07/02/97		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10	
07/24/97		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10	
08/06/97		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10	
08/21/97		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10	
09/04/97		<2.5	6.1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
09/17/97		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
09/28/98	< 1.25	1.4	< 1.25	< 1.25	< 6.25	< 1.25	1.7	< 1.25	<2.5	nr	< 1.25		
10/21/98	< 1	1	< 1	< 1	< 5	< 1	2	< 1	<2	nr	< 1		
03/04/99	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	<2	nr	< 1		
07/14/99	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	<2	nr	< 1		
06/22/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	1.7	<0.5	<1.0	nr	<0.5		

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-8S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra- Chloride	1,2-DCA	Ethyl- Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro- fluoromethane	Total Xylenes	Acetone	Carbon Disulfide	
WCC-8S	07/13/89	-	-	-	-	-	-	-	-	-	-	-	
	08/23/89	-	-	-	-	-	-	-	-	-	-	-	
	11/15/91	-	-	-	-	-	-	-	-	-	-	-	
	Dup	06/17/92	-	-	-	-	-	-	-	-	-	<150	-
		06/17/92	-	-	-	-	-	-	-	-	-	<300	-
		09/23/92	<20	<20	<20	<20	40	<20	<20	<20	<20	<100	<20
		12/08/92	<20	<20	<20	<20	30	<20	<20	<20	<20	<100	<20
		03/17/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
		06/08/93	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
		08/25/93	<20	<20	<20	<20	<40	<20	<40	<20	<20	<400	<20
		11/19/96	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
		02/24/94	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
		06/13/94	<40	<40	<40	<40	<200	<40	<80	<40	<120	<800	<40
09/09/94	<50	<50	<50	<50	<250	<50	<100	<50	<150	<1000	<50		
12/22/94	<20	<20	<20	<20	<100	<20	<40	<20	<40	<400	<20		
03/14/95	<40	<40	<40	<40	<200	<40	<80	<40	<80	<800	<40		
06/13/95	<40	<40	<40	<40	<200	<40	<80	<40	<40	<800	<40		
Dup	09/07/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
	12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	
	03/01/96	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	
	03/01/96	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	
	06/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
	09/19/96	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250	
	12/18/96	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250	
	05/08/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250	
	07/08/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250	
	07/24/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250	
08/06/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12		
08/22/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250		
09/05/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250		
09/17/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250		

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-9S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-9S	10/06/89	-	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-	-
	06/15/92	-	-	-	-	-	-	-	-	-	<30	-
	09/21/92	<1	<1	<1	<1	10	<1	<1	<1	<1	<5	<1
	12/07/92	<1	<1	<1	<1	3	<1	<1	<1	<1	<5	<1
	03/16/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
Dup	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	08/24/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	11/18/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	02/23/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
	09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
	12/21/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	12/21/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	03/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
Dup	06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
Dup	09/06/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	12/12/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	02/29/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/06/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/18/96	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<10	<5
	12/17/96	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<10	<5
	05/07/97	<1	<1	<1	1.0	<1	<1	<1	<1	<1	<10	<5
	07/02/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	07/23/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	08/05/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
Dup	08/05/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	08/20/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	09/04/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	09/16/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
Dup	09/18/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	09/23/98	<1	<1	<1	<1	<5	<1	<1	<1	<2	nr	<1
	10/21/98	<0.5	<1	<0.5	<0.5	<2.5	1	<0.5	<0.5	<1	nr	<0.5
	03/02/99	<0.5	<1	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
	07/13/99	<0.5	<1	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
	06/20/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	<1.0	nr	<0.5

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-10S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-10S	07/13/89	-	-	-	-	-	-	-	-	-	-	-
Dup	07/13/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/20/91	-	-	-	-	-	-	-	-	-	-	-
	06/16/92	-	-	-	-	-	-	-	-	-	35	-
	09/21/92	1	<1	<1	<1	8	<1	<1	<1	<1	<5	<1
Dup	09/21/92	1	<1	<1	<1	8	<1	<1	<1	<1	<5	<1
	12/08/92	<1	<1	<1	<1	3	<1	<1	<1	<1	<5	<1
	03/16/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	08/25/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	11/19/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	02/23/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
	09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
	12/22/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
Dup	12/22/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	03/13/95	<2	<2	<2	<2	<10	2.4	<4	<2	<4	<40	<2
Dup	03/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	17
	09/06/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	14
	12/16/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	03/01/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/06/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/19/96	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10
	12/18/96	Well was covered										
	05/07/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	07/02/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
	07/23/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
Dup	07/23/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
	08/05/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	08/21/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
	09/04/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	09/17/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	04/08/99	0.92	<0.5	<0.5	<0.5	<2.5	2.5	<0.5	<0.5	<1	nr	<0.5
	07/14/99	<1	<1	<1	<1	<5	<1	1.2	<1	<1	nr	<1
	06/22/00	1.3	<0.5	<0.5	nr	<2.5	3.0	<0.5	<0.5	<1.0	nr	<0.5

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-11S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide	
WCC-11S	11/15/91	-	-	-	-	-	-	-	-	-	-	-	
	06/16/92	-	-	-	-	-	-	-	-	-	<10	-	
	09/21/92	<1	<1	<1	<1	9	<1	<1	2	<1	<5	<1	
	12/08/92	<1	<1	<1	<1	4	<1	<1	<1	<1	<5	<1	
	03/16/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5	
	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2	
	08/24/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2	
	11/19/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2	
	Dup	11/19/93	<2	<2	<2	<2	<10	<2	<4	<4	<2	<40	<2
		02/23/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	Dup	06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
		09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
		09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
12/21/94		<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2	
03/13/95		<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2	
Dup	06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2	
	09/06/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
	09/06/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
	12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	
	03/01/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	
Dup	06/06/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
	06/06/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	
	09/19/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<25	
Dup	12/18/96	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10	
	05/08/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	07/02/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10	
	07/24/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	08/05/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	08/21/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	09/04/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	09/04/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	09/17/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12	
	09/28/98	<1	<1	<1	<1	<5	<1	<1	<1	<2	nr	<1	
	10/21/98	<1	<1	<1	<1	<5	<1	<1	<1	<2	nr	<1	
	03/04/99	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5	
07/14/99	1.1	<0.5	<0.5	<0.5	<2.5	3.1	<0.5	<0.5	<1	nr	<0.5		
06/22/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	<1.0	nr	<0.5		

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-12S
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-12S	11/18/91	-	-	-	-	-	-	-	-	-	-	-
	06/16/92	-	-	-	-	-	-	-	-	-	<10	-
Dup	06/16/92	-	-	-	-	-	-	-	-	-	<10	-
	09/22/92	<1	<1	<1	<1	7	<1	<1	4	<1	<5	<1
	12/08/92	<5	<5	<5	<5	20	<5	<5	<5	<5	<30	<5
	03/17/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	06/07/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	08/25/93	<4	<4	<4	<4	<8	<4	<8	<4	<4	<80	<4
	11/19/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	02/24/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
Dup	02/24/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	06/13/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
	09/09/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
	12/22/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	03/14/95	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	06/12/95	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	09/06/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	33
	12/15/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	03/01/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/19/96	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10
	12/18/96	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<10
	05/08/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	07/02/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
Dup	07/02/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
	07/23/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
	08/06/97	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<10
	08/21/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	09/04/97	<2.5	85	<2.5	<2.5	2.7	4.7	<2.5	<2.5	<2.5	<25	<12
	09/17/97	<2.5	13	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
Dup	09/17/97	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<12
	09/23/98	< 2.5	130	< 2.5	< 2.5	< 12.5	3.2	< 2.5	< 2.5	< 5	nr	< 2.5
	10/21/98	< 2.5	110	< 2.5	< 2.5	< 12.5	3	< 2.5	< 2.5	< 5	nr	< 2.5
	03/02/99	< 0.5	19	< 0.5	< 0.5	< 2.5	0.75	< 0.5	< 0.5	< 1	nr	< 0.5
	07/13/99	< 0.5	20	< 0.5	< 0.5	< 2.5	0.63	< 0.5	< 0.5	< 1	nr	< 0.5
	06/21/00	<0.5	<0.5	<0.5	nr	<2.5	1.0	<0.5	<0.5	<1.0	nr	<0.5

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS DAC-P1
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra- Chloride	1,2-DCA	Ethyl- Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro- fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
DAC-P1	10/09/89	-	-	-	-	-	-	-	-	-	<1,000	-
	06/17/92	-	-	-	-	-	-	-	-	-	<30	-
	06/23/92	4	<1	<1	<1	4	13	9	1	<1	<5	<1
Dup	06/23/92	4	<1	<1	<1	4	13	9	1	<1	<5	<1
	12/09/92	<500	<500	<500	<500	2,000	<500	<500	<500	<500	<3,000	<500
	03/18/93	<5	<2	<2	<2	<10	10	5	<5	<2	<10	<5
	06/08/93	<100	<100	<100	<100	<200	<100	<200	<100	<100	<2,000	<100
	08/25/93	<200	<200	<200	<200	<400	<200	<400	<200	<200	<4,000	<200
	11/19/93	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
	02/24/94	<20	<20	<20	<20	<100	<20	<40	<20	<20	<400	<20
	06/13/94	<20	<20	<20	<20	<100	<20	<40	<20	<60	<400	<20
	09/09/94	<200	<200	<200	<200	<1000	<200	<400	<200	<600	<4000	<200
	12/22/94	<200	<200	<200	<200	<1,000	<200	<400	<200	<400	<4,000	<200
	03/14/95	<200	<200	<200	<200	<1,000	<200	<400	<200	<400	<4,000	<200
	06/13/95	<200	<200	<200	<200	<1,000	<200	<400	<200	<200	<4,000	<200
	09/07/95	<5	<5	<5	<5	<5	17	<5	<5	<5	<10	<5
	12/16/95	<2	<2	<2	<2	<2	11	4	<2	<4	<2	<2
	03/04/96	<100	<100	<100	<100	<100	<100	<100	<100	<200	<200	<100
Dup	03/04/96	<100	<100	<100	<100	<100	<100	<100	<100	<200	<200	<100
	06/07/96	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100	<50
Dup	06/07/96	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25
	09/19/96	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<1,200
	12/19/96	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5,000	<2,500
	05/09/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	07/08/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	07/24/97	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<250
	08/06/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	08/22/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	09/05/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<1,200
	09/18/97	<250	<250	<250	<250	<250	<250	<250	<250	<250	2,900	<1,200
	04/08/99	< 50	<50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	07/16/99	< 125	<125	< 125	< 125	670	< 125	< 125	< 125	<250	nr	<125
	06/26/00	<50	<50	<50	<50	nr	<50	<50	<50	<100	nr	<50

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-1D
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-1D	07/25/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/15/91	-	-	-	-	-	-	-	-	-	-	-
	06/15/92	-	-	-	-	-	-	-	-	-	<50	-
Dup	06/15/92	-	-	-	-	-	-	-	-	-	<50	-
	09/22/92	<1	<1	<1	<1	11	<1	<1	4	<1	<5	<1
	12/07/92	<1	<1	<1	<1	2	<1	<1	<1	<1	<5	<1
Dup	12/07/92	<1	<1	<1	<1	2	<1	<1	<1	<1	<5	<1
	03/16/93	<5	<2	<2	<2	<10	<2	<2	<5	<2	<10	<5
	06/08/93	<10	<10	<10	<10	<20	<10	<20	<10	<10	<200	<10
Dup	06/08/93	<4	<4	<4	<4	<10	<4	<8	<4	<4	<80	<4
	08/24/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	11/18/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	02/23/94	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
	06/10/94	<2	<2	<2	<2	<20	<2	<4	<2	<6	<40	<2
	09/08/94	<2	<2	<2	<2	<10	<2	<4	<2	<6	<40	<2
	12/22/94	<2	<2	<2	<2	<10	<2	<4	<2	<4	<40	<2
	03/13/95	<4	<4	<4	<4	<20	<4	<8	<4	<8	<80	<4
	06/13/95	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	3
	09/03/95	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	12/16/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	02/29/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
Dup	02/29/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/06/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/18/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
Dup	09/18/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	12/18/96	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<10	<5
	05/07/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	07/08/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5
	07/23/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5
	08/05/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5
	08/20/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5
	09/04/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5
	09/17/97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS WCC-3D
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra- Chloride	1,2-DCA	Ethyl- Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro- fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
WCC-3D	07/25/89	-	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-	-
	06/16/92	-	-	-	-	-	-	-	-	-	<30	-
	09/22/92	<1	<1	<1	<1	8	<1	<1	1	<1	<5	<1
	12/07/92	<1	<1	<1	<1	1	<1	<1	<1	<1	<5	<1
	03/16/93	<5	<2	<2	<2	<10/	<2	<2	<5	<2	<10	<5
Dup	03/16/93	<5	<2	<2	<2	<10/	<2	<2	<5	<2	<10	<5
	06/08/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	08/24/93	<2	<2	<2	<2	<4	<2	<4	<2	<2	<40	<2
	11/18/93	<2	<2	<2	<2	<10	<2	<4	<2	<2	<40	<2
Dup	11/18/93	<4	<4	<4	<4	<20	<4	<8	<4	<4	<80	<4
	02/23/94	<4	<4	<4	<4	<20	<4	<8	<4	<4	<80	<4
	06/13/94	<10	<10	<10	<10	<50	<10	<20	<10	<30	<200	<10
	09/09/94	<50	<50	<50	<50	<250	<50	<100	<50	<150	<1000	<50
	12/21/94	<4	<4	<4	<4	<20	<4	29	<4	<8	<80	<4
Dup	03/14/95	<40	<40	<40	<40	<200	<40	<80	<40	<80	<800	<40
	03/14/95	<20	<20	<20	<20	<100	61	<40	<20	<40	<400	<20
	06/13/95	<10	<10	<10	<10	<50	<10	<20	<10	<10	<200	<10
	09/07/95	<5	6	<5	<5	<5	<5	35	<5	8	<10	<5
	12/16/95	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2
	03/04/96	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
	06/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5
	09/19/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	12/19/96	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<10	<5
	05/08/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
Dup	07/08/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	07/08/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	07/24/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	07/24/97	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<5
Dup	08/06/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	08/06/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
Dup	08/22/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	08/22/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
Dup	09/05/97	<1	1.9	<1	<1	<1	<1	<1	<1	<1	<10	<5
	09/05/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	09/18/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<5
	09/28/98	<5	<5	<5	<5	<25	<5	<5	<5	<10	nr	<5.0
	10/21/98	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
Dup	03/05/99	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
	03/05/99	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
	07/16/99	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
Dup	07/16/99	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5
	06/26/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	<1	nr	<0.5

j:004020.00-003

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS TMW-1 THROUGH TMW-6
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
TMW-1	07/15/98	< 5	< 5	< 5	< 5	< 25	< 5	< 5	22	<10	nr	<5
	09/22/98	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5	<10	nr	<5
	10/19/98	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	23	<5	nr	<2.5
	03/05/99	< 1.25	< 1.25	< 1.25	< 1.25	< 6.25	< 1.25	< 1.25	18	<2.5	nr	<1.25
	07/15/99	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	14	<5.0	nr	<2.5
	06/23/00	< 2.5	< 2.5	< 2.5	nr	<13	< 2.5	< 2.5	19	<5.0	nr	<2.5
TMW-2	07/15/98	< 250	< 250	< 250	< 250	< 1250	< 250	< 250	< 250	<500	nr	<250
	09/23/98	< 250	1500	< 250	< 250	< 1250	< 250	< 250	< 250	<500	nr	<250
	10/20/98	< 125	1600	< 125	< 125	< 625	< 125	< 125	< 125	<250	nr	<125
	03/06/99	< 125	1600	< 125	< 125	< 625	< 125	< 125	< 125	<250	nr	<125
	07/16/99	< 125	1900	< 125	< 125	670	< 125	< 125	< 125	<250	nr	<125
	06/26/00	<100	<100	<100	nr	<500	<100	<100	<100	<200	nr	<100
TMW-3	09/22/98	< 100	< 100	< 100	< 100	< 500	< 100	< 100	< 100	<200	nr	<100
	10/20/98	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	03/05/99	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	07/15/99	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	07/31/98	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	06/22/2000	<10	<10	<10	nr	<50	<10	<10	<10	<20	nr	<10
TMW-4	07/14/98	< 25	< 25	< 25	< 25	< 125	< 25	43	< 25	<50	nr	<25
	09/22/98	< 10	47	< 10	< 10	< 50	< 10	28	< 10	<20	nr	<10
	10/20/98	< 10	56	< 10	< 10	< 50	< 10	29	< 10	<20	nr	<50
	03/04/99	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	07/15/99	< 10	23	< 10	< 10	75	< 10	10	< 10	<20	nr	<10
	06/22/00	<5	15	<5	nr	<25	<5	<5	<5	10	nr	<5.0
TMW-5	07/14/98	< 25	< 25	< 25	< 25	< 125	< 25	< 25	< 25	<50	nr	<25
	09/22/98	< 12.5	< 12.5	< 12.5	< 12.5	< 62.5	< 12.5	< 12.5	< 12.5	<25	nr	<12.5
	10/19/98	< 25	< 25	< 25	< 25	< 125	< 25	< 25	< 25	<50	nr	<25
	03/04/99	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	<100	nr	<50
	07/15/99	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	< 2.5	<2.5	nr	<2.5
	06/22/00	<13	<13	<13	nr	<63	<13	<13	<13	<25	nr	<13
TMW-6	07/14/98	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	< 2.5	<5.0	nr	<2.5
	09/22/98	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	< 2.5	<5.0	nr	<2.5
	10/19/98	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	< 2.5	<5.0	nr	<2.5
	03/04/99	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	< 2.5	<5.0	nr	<2.5
	06/22/2000	< 2.5	< 2.5	< 2.5	nr	13	< 2.5	< 2.5	< 2.5	<5.1	nr	<2.5

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS TMW-7 THROUGH TMW-11
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra-Chloride	1,2-DCA	Ethyl-Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro-fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
TMW-7	07/14/98	< 12.5	73	< 12.5	< 12.5	< 62.5	< 12.5	29	< 12.5	<25	nr	< 12.5
	09/22/98	< 12.5	36	< 12.5	< 12.5	< 62.5	< 12.5	17	< 12.5	<25	nr	< 12.5
	10/20/98	< 10	44	< 10	< 10	< 50	< 10	17	< 10	20	nr	< 10
	03/05/99	< 12.5	41	< 12.5	< 12.5	< 62.5	< 12.5	14	< 12.5	<25	nr	< 12.5
	07/15/99	< 12.5	36	< 12.5	< 12.5	110	< 12.5	< 12.5	< 12.5	<25	nr	< 12.5
	06/23/00	<10	<10	<10	nr	<50	<10	<10	<10	<20	nr	<10
TMW-8	07/15/98	< 25	96	< 25	< 25	< 125	< 25	37	< 25	<50	nr	< 25
	09/22/98	< 12.5	31	< 12.5	< 12.5	< 62.5	< 12.5	< 12.5	< 12.5	<25	nr	< 12.5
	10/20/98	< 10	18	< 10	< 10	< 50	< 10	< 10	< 10	<20	nr	< 10
	03/05/99	< 12.5	52	< 12.5	< 12.5	< 62.5	< 12.5	18	< 12.5	<25	nr	< 12.5
	07/15/99	< 12.5	52	< 12.5	< 12.5	< 62.5	< 12.5	13	< 12.5	<25	nr	< 12.5
	06/23/00	<13	22	<13	nr	<63	<13	13	<13	<25	nr	<13
TMW-9	07/14/98	< 1	< 1	< 1	< 1	< 5	2.1	< 1	< 1	<2	nr	< 1
	09/22/98	< 1	< 1	< 1	< 1	< 5	2.3	< 1	< 1	<1	nr	< 1
	10/19/98	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	3.5	< 2.5	< 2.5	<5	nr	< 2.5
	03/04/99	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5	<10	nr	< 5
	07/14/99	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5	<10	nr	< 5
	06/23/00	< 5	< 5	< 5	nr	< 25	< 5	< 5	< 5	<10	nr	<5.0
TMW-10	03/03/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	0.94	< 0.5	0.51	<1.0	nr	< 0.5
	07/13/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	1.3	< 0.5	0.82	<1.0	nr	< 0.5
	06/20/00	< 0.5	< 0.5	< 0.5	< 0.5	<2.5	1.0	<0.5	<0.5	<1.0	nr	<0.5
TMW-11	03/03/99	1.7	99	< 1.25	< 1.25	< 6.25	1.9	< 1.25	< 1.25	<2.5	nr	< 1.25
	07/13/99	1.7	< 1.25	< 1.25	< 1.25	< 6.25	1.7	< 1.25	< 1.25	<2.5	nr	< 1.25
	06/20/00	<2.5	<2.5	<2.5	nr	<13	<2.5	<2.5	<2.5	<2.5	nr	<2.5

Table 4-2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS TMW-12 THROUGH TMW-17
GROUNDWATER STATUS REPORT
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 004020.00

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Carbon Tetra- Chloride	1,2-DCA	Ethyl- Benzene	1-Methylethyl benzene	Methylene Chloride	PCE	1,1,2-TCA	Trichloro- fluoromethane	Total Xylenes	Acetone	Carbon Disulfide
TMW12	03/03/99	< 10	< 10	< 10	< 10	< 50	15	< 10	< 10	<20	nr	< 10
	07/13/99	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10	<20	nr	< 10
	06/21/00	<10	<10	<10	nr	<50	13	<10	<10	<20	nr	<10
TMW-13	03/03/99	4.6	< 0.5	< 0.5	< 0.5	< 2.5	5.8	< 0.5	< 0.5	<1.0	nr	< 0.5
	07/13/99	4.5	< 0.5	< 0.5	< 0.5	< 2.5	5.6	< 0.5	< 0.5	<1.0	nr	< 0.5
	06/21/00	3	<0.5	<0.5	nr	<2.5	2.9	<0.5	<0.5	<1.0	nr	<0.5
TMW-14	03/03/99	3.8	< 0.5	< 0.5	< 0.5	< 2.5	2.5	< 0.5	< 0.5	<1.0	nr	< 0.5
	07/13/99	2.9	< 0.5	< 0.5	< 0.5	< 2.5	1.8	< 0.5	< 0.5	<1.0	nr	< 0.5
	06/21/00	1.8	<0.5	0.57	nr	<2.5	1.0	<0.5	<0.5	1.8	nr	<0.5
TMW-15	03/03/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	<1.0	nr	< 0.5
	07/13/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	<1.0	nr	< 0.5
	06/22/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	1.0	nr	<0.5
TMW-16	03/06/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	2.1	< 0.5	< 0.5	<1.0	nr	< 0.5
	07/16/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	0.98	< 0.5	< 0.5	<1.0	nr	< 0.5
	06/22/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	<1.0	nr	<0.5
TMW-17	05/20/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	<1.0	nr	< 0.5
	07/14/99	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	<1.0	nr	< 0.5
	01/14/00	<0.5	<0.5	<0.5	nr	<2.5	<0.5	<0.5	<0.5	<1.0	nr	<0.5

Notes:

ug/l = micrograms per liter

PCE = Tetrachloroethene

1,1,2-TCA=1,1,2-Trichloroethane

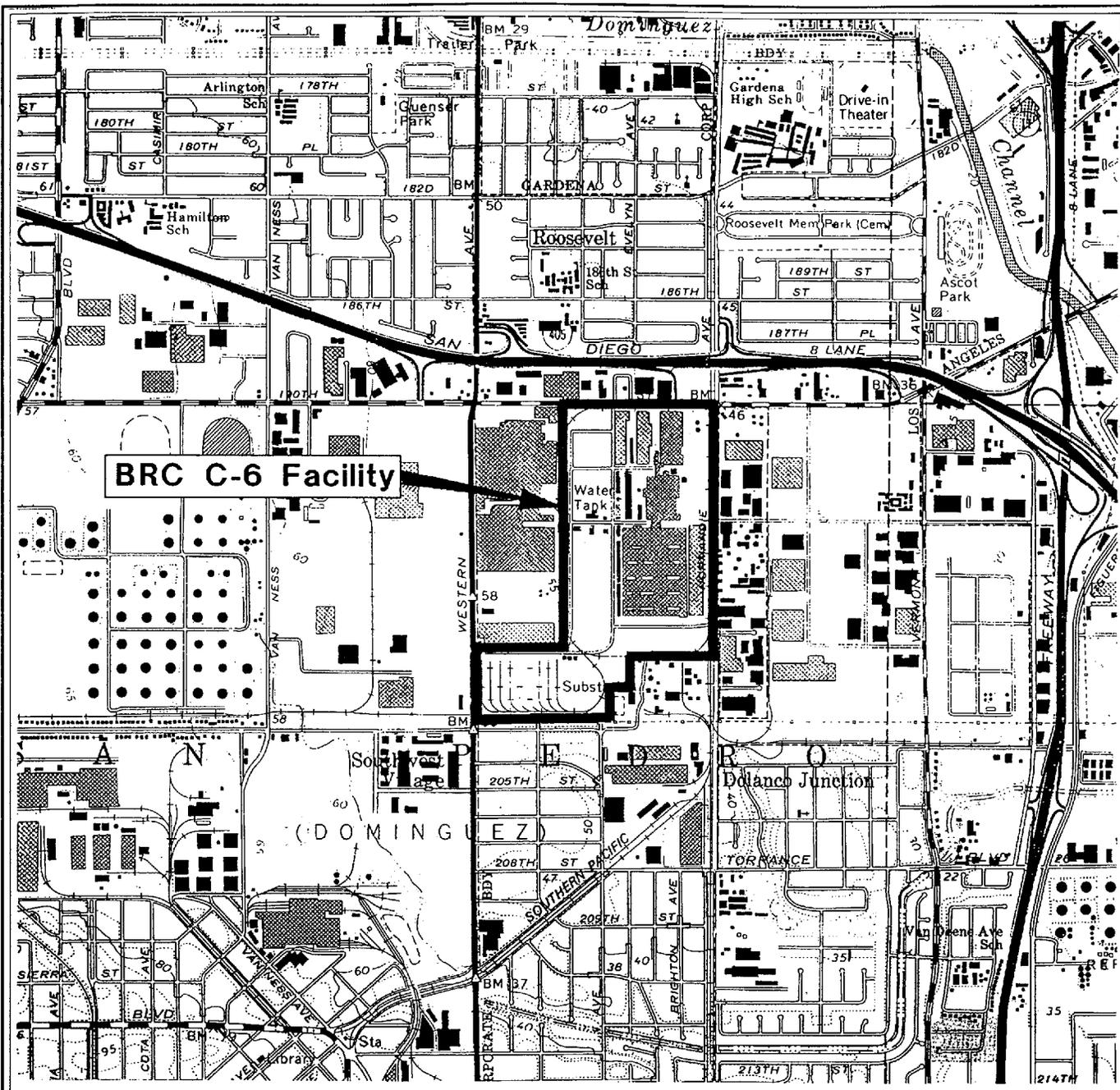
1,2-DCA = 1,2-Dichloroethane

- = Detection limit not available

Dup = Sample is a duplicate sample.

<5 = Result fell below detection limit shown.

nr = not reported



Source: Basemap modified from
 U.S.G.S. Torrance, California
 7.5 Minute Quadrangle
 Photorevised 1981

Kennedy/Jenks Consultants

Boeing Realty Corporation
 Former C-6 Facility

Site Location Map

October 2000
 K/J 004020.00

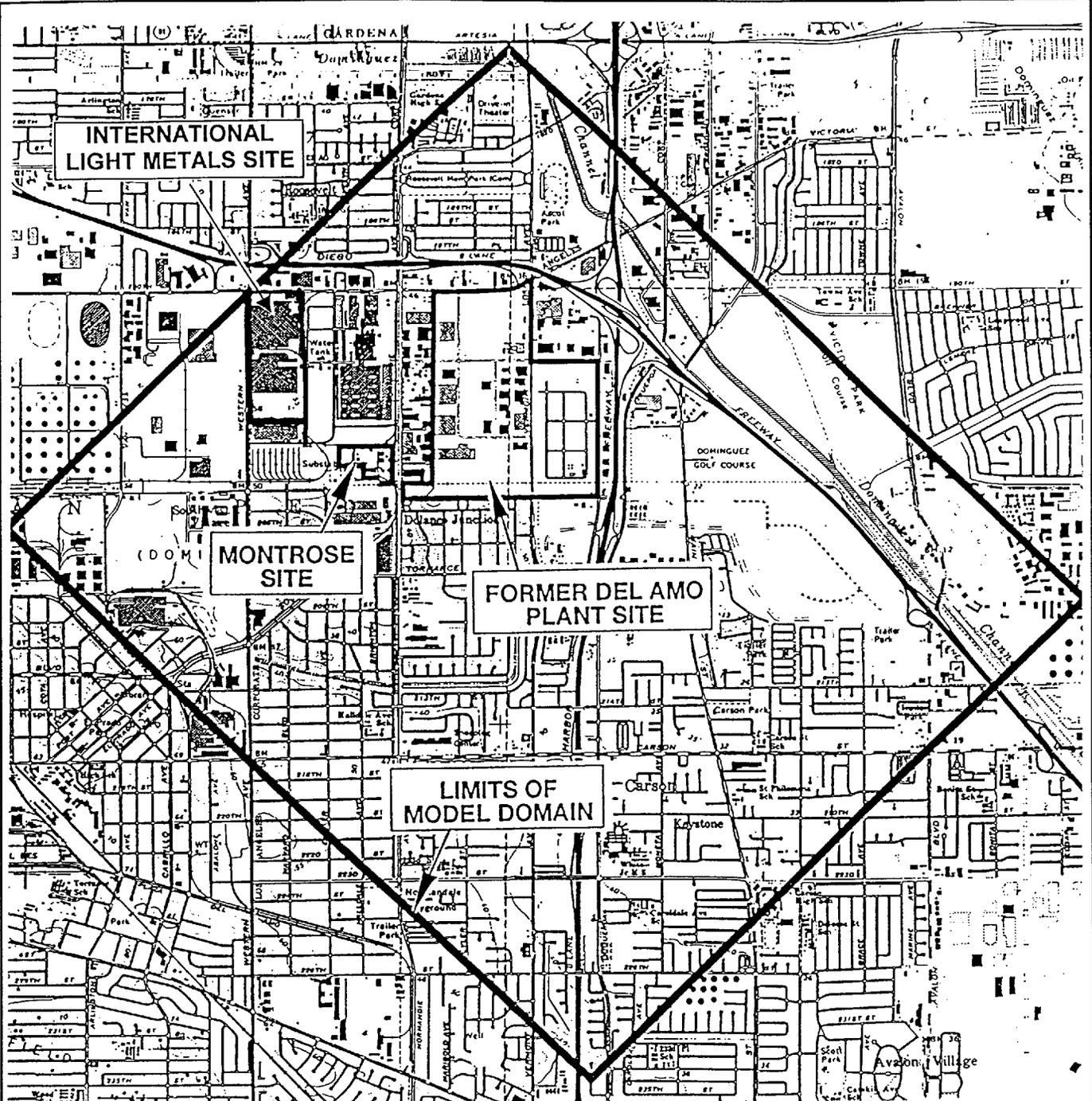
Figure 1-1

0 2000 4000

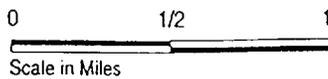


Approximate Scale in Feet





Source: Basemap modified from
 U.S.G.S. Torrance, California
 1964 Quadrangle;
 Photorevised 1981



Kennedy/Jenks Consultants

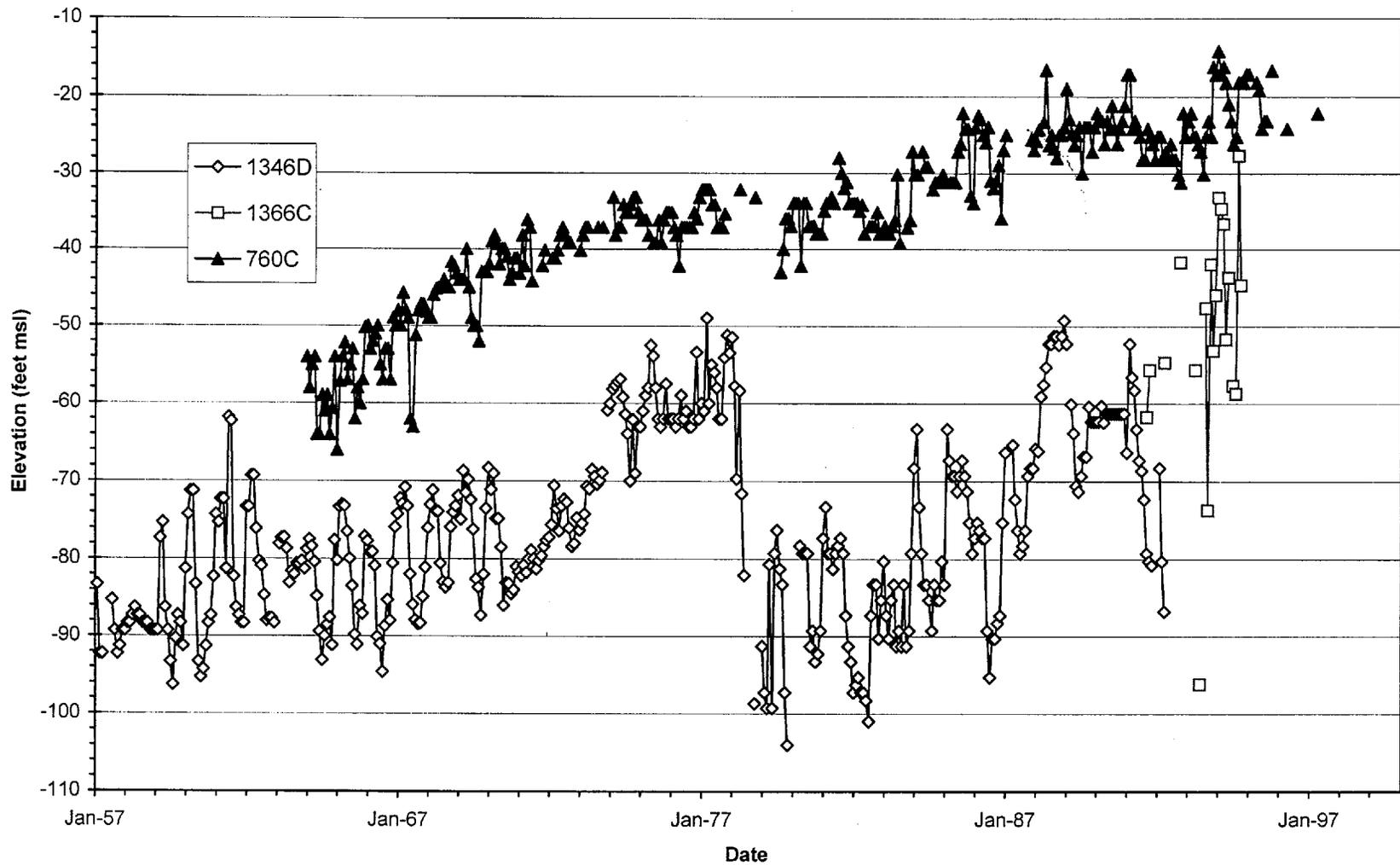
Boeing Realty Corporation
 Former C-6 Facility

Location of Adjacent Sites

October 2000
 K/J 004020.00

Figure 1-2

K:\Boeing\C6 Facility\Fig-1-2.dwg, 10/24/2000



Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

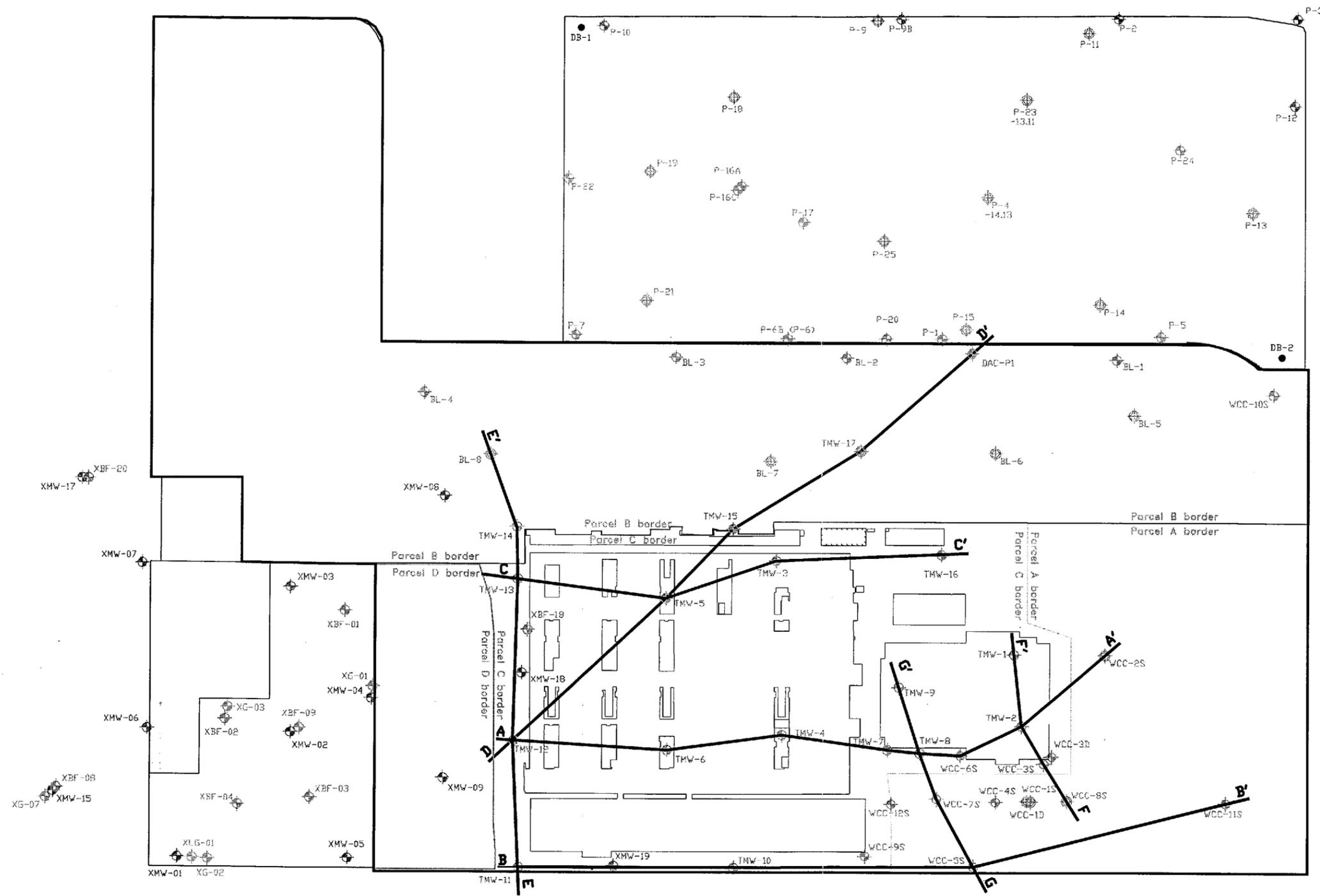
Hydrographs for Wells Representative
of West Coast Basin

October 2000
K/J 004020.00

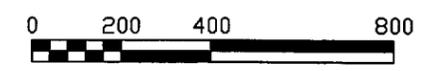
Figure 3-1

K:\boeing\c-6facility\figure3-1.dwg

K:\Boeing\MDRC C-6\CROSS-INDEX.dwg, 10/26/2000



- LEGEND**
- PZL0017 WATER TABLE ZONE MONITORING LOCATION
 - P-16A MIDDLE BELLFLOWER B SAND OR C SAND MONITORING LOCATION
 - P-19 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000
 - DB-2 DEEP SOIL BORING INTERNATIONAL LIGHT METALS
 - CROSS SECTION LOCATION



Approximate Scale in Feet

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

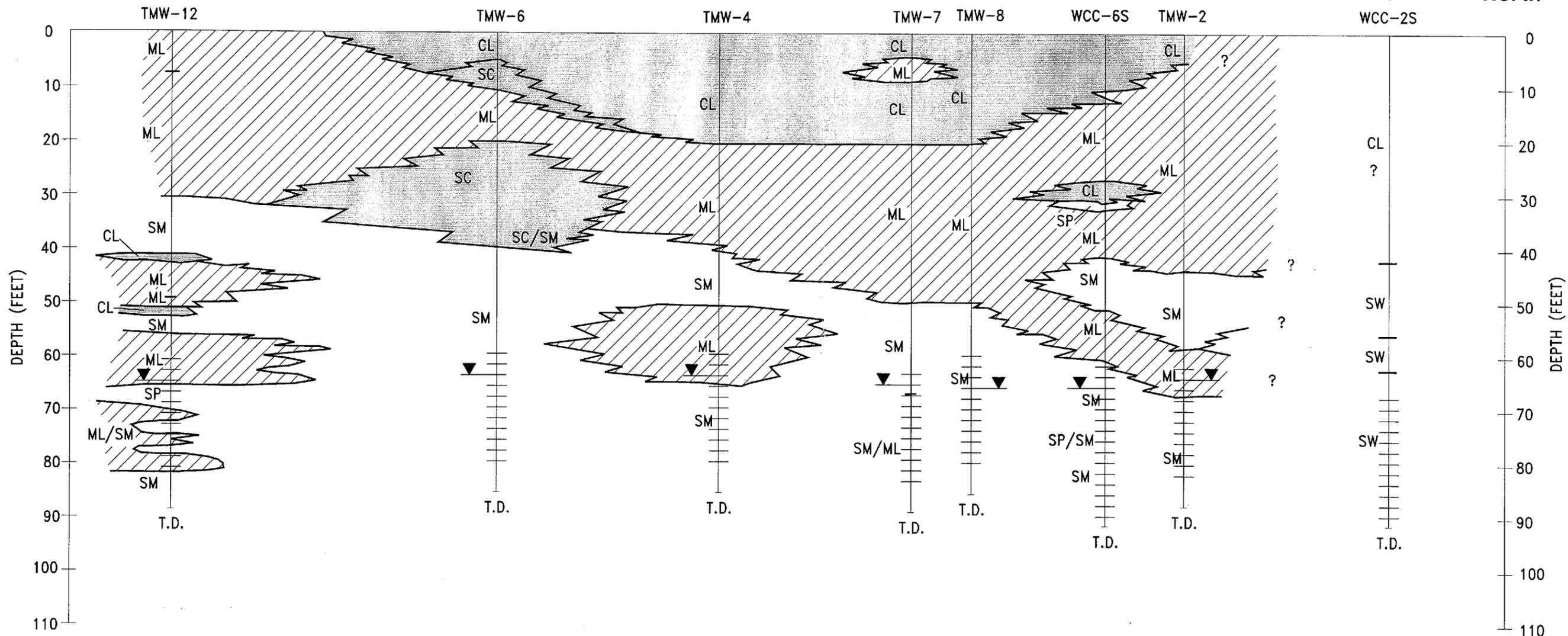
Hydrogeological Cross Section
Locations

October 2000
K/J 004020.00

Figure 3-2

South **A**

A' North



LEGEND:

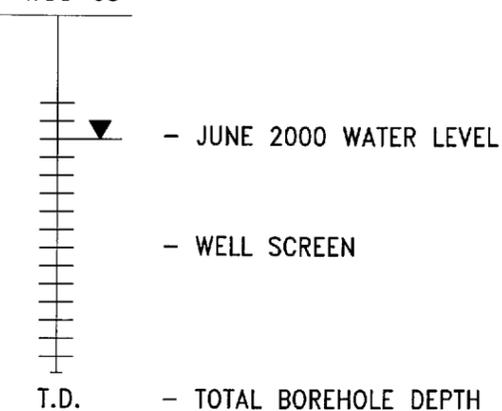
- Clays and Clayey Sands (CL, CH, SC)
- Silts (ML, MH)
- Sands (SM, SP, SW)

Note: Cross Sections are based on depth. Groundwater surface elevations not available for many boreholes.



Vertical Exaggeration: 10X

WCC-6S



Group Symbol	General Descriptions
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravelsand mixtures, little or no fines
GM	Silty gravel, gravel-and-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SW	Well-graded sands, gravely sands, little or no fines
SP	Poorly graded sands or gravely sands, little or no fines
SM	Silty sand, sand-silt mixtures
SC	Clayey sands, sand-clay mixtures
ML	Inorganic silts and very fine sands, silty or clayey fine sands, or clayey silts, slight plasticity
CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, silty clays, lean clays
OL	Organic silts and organic silty clays, low plasticity
MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils, elastic soils
CH	Inorganic clays, high plasticity
OH	Organic clays, medium to high plasticity, organic silts

Kennedy/Jenks Consultants

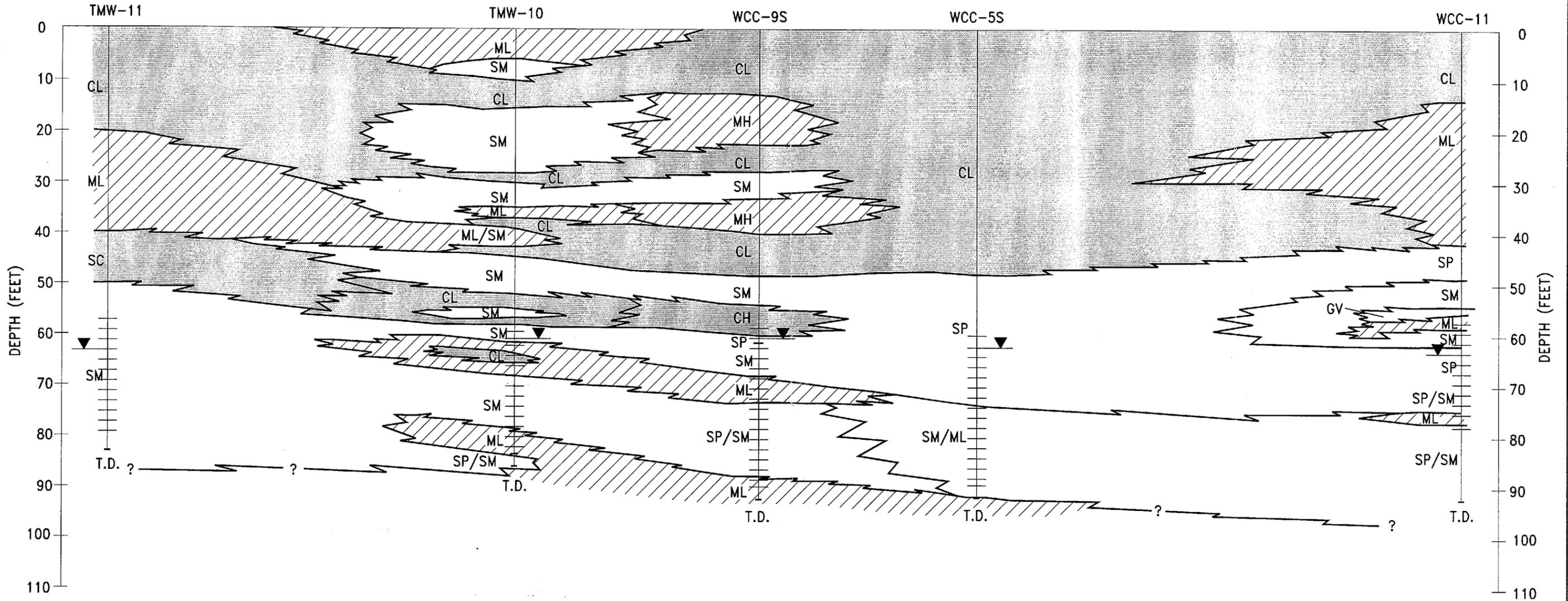
Boeing Realty Corporation
Former C-6 Facility

Hydrogeologic Cross Section
A-A'

October 2000
K/J 004020.00
Figure 3-3

South B

B' North



LEGEND:

- Clays and Clayey Sands (CL, CH, SC)
- Silts (ML, MH)
- Sands (SM, SP, SW)

Note: Cross Sections are based on depth. Groundwater surface elevations not available for many boreholes.



Vertical Exaggeration: 10X

WCC-5S

- JUNE 2000 WATER LEVEL
- WELL SCREEN
- TOTAL BOREHOLE DEPTH

Group Symbol	General Descriptions
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravelsand mixtures, little or no fines
GM	Silty gravel, gravel-and-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SW	Well-graded sands, gravely sands, little or no fines
SP	Poorly graded sands or gravely sands, little or no fines
SM	Silty sand, sand-silt mixtures
SC	Clayey sands, sand-clay mixtures
ML	Inorganic silts and very fine sands, silty or clayey fine sands, or clayey silts, slight plasticity
CL	Inorganic clays of low to medium plasticity, gravely clays, silty clays, silty clays, lean clays
OL	Organic silts and organic silty clays, low plasticity
MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils, elastic soils
CH	Inorganic clays, high plasticity
OH	Organic clays, medium to high plasticity, organic silts

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

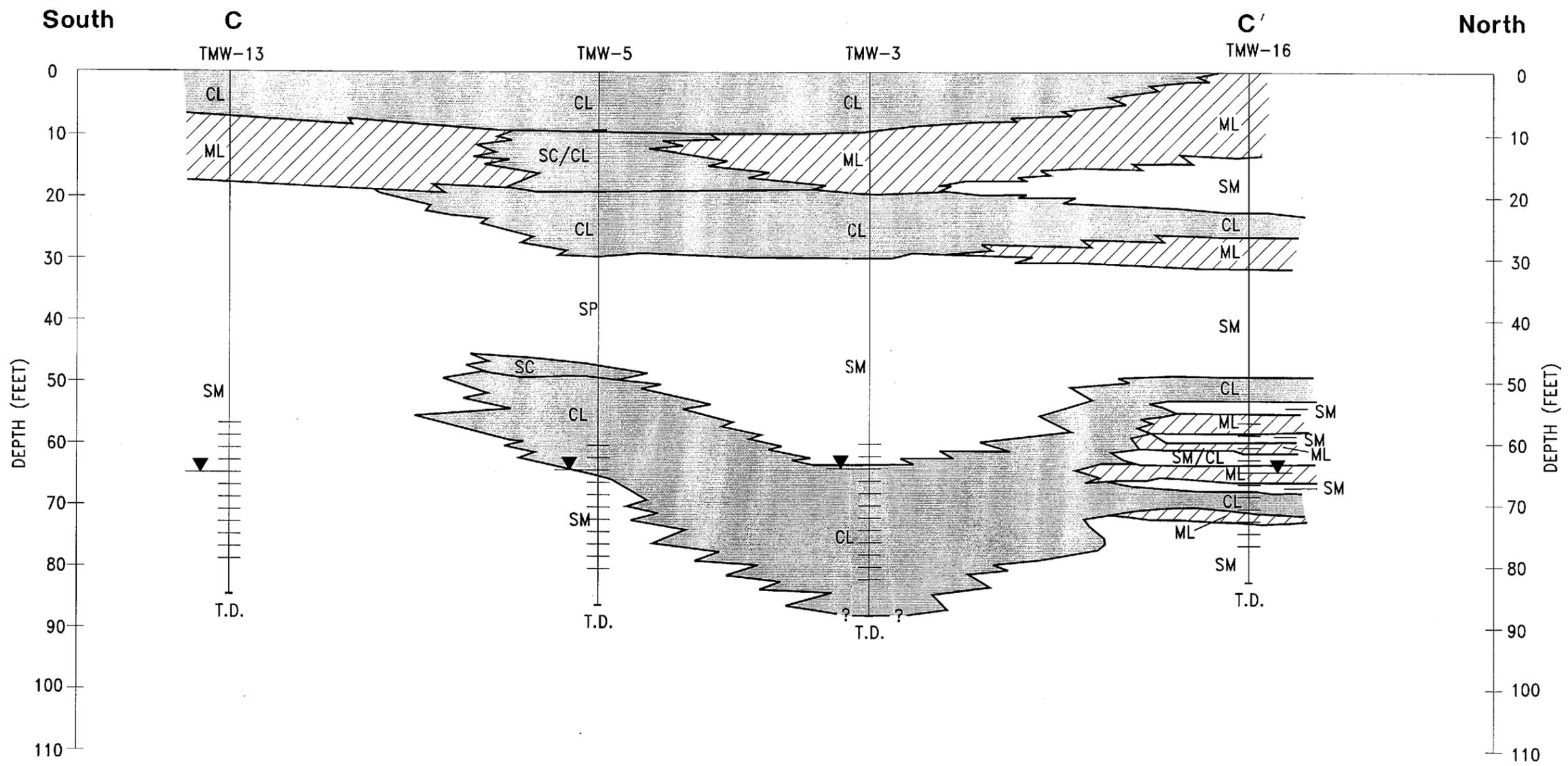
Hydrogeologic Cross Section
B-B'

October 2000
K/J 004020.00

Figure 3-4

K:\BOEING\...

K:\BOEING\...



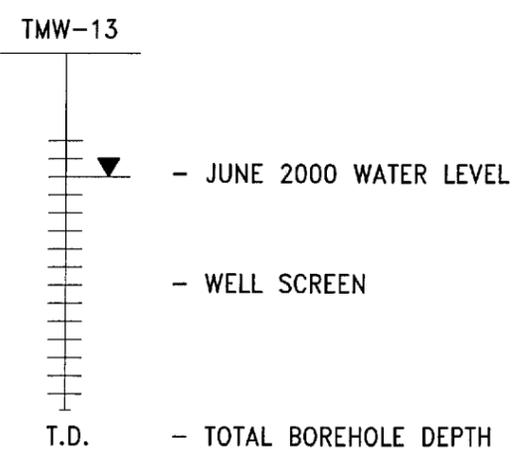
LEGEND:

- Clays and Clayey Sands (CL, CH, SC)
- Silts (ML, MH)
- Sands (SM, SP, SW)

Note: Cross Sections are based on depth. Groundwater surface elevations not available for many boreholes.



Vertical Exaggeration: 10X



Group Symbol	General Descriptions
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravelsand mixtures, little or no fines
GM	Silty gravel, gravel-and-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SW	Well-graded sands, gravely sands, little or no fines
SP	Poorly graded sands or gravely sands, little or no fines
SM	Silty sand, sand-silt mixtures
SC	Clayey sands, sand-clay mixtures
ML	Inorganic silts and very fine sands, silty or clayey fine sands, or clayey silts, slight plasticity
CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, silty clays, lean clays
OL	Organic silts and organic silty clays, low plasticity
MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils, elastic soils
CH	Inorganic clays, high plasticity
OH	Organic clays, medium to high plasticity, organic silts

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

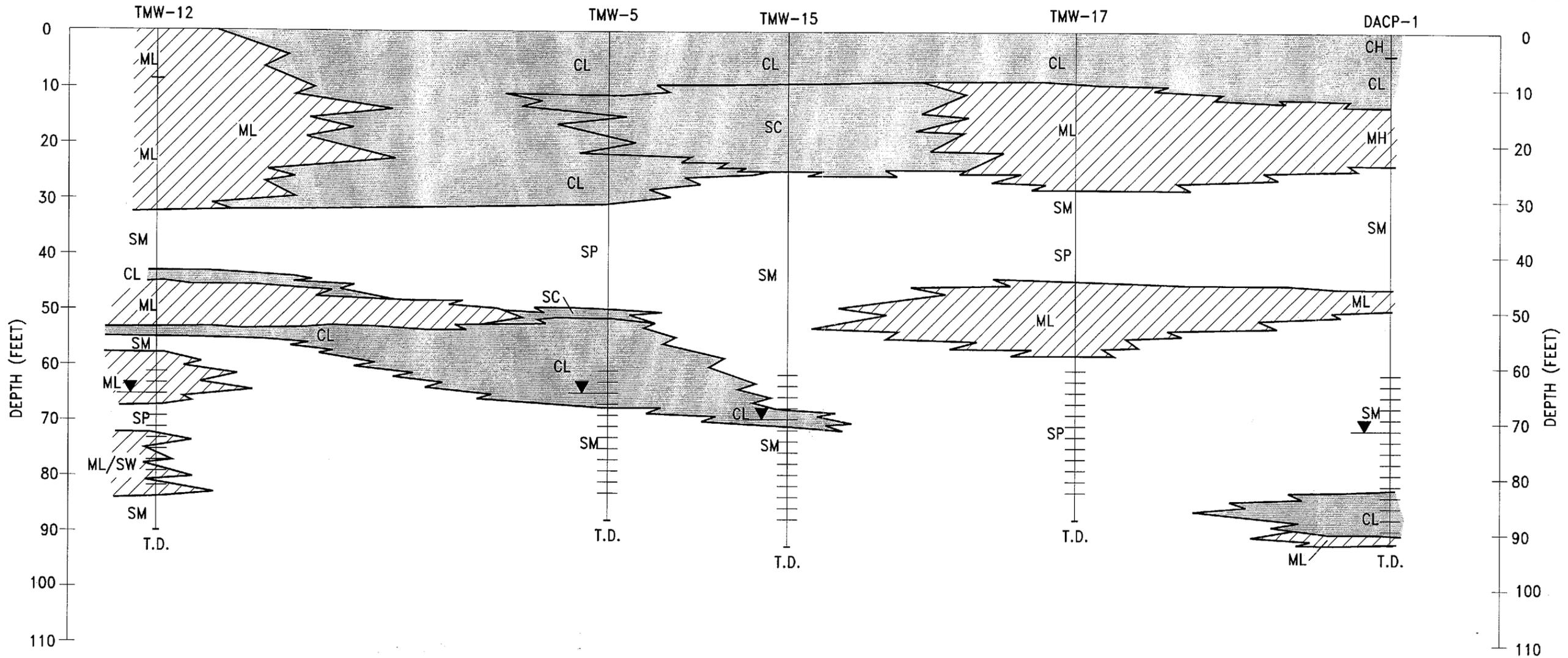
Hydrogeologic Cross Section
C-C'

October 2000
K/J 004020.00
Figure 3-5

K:\BOEING\CROSSECT-04.DWG

Southeast D

D' Northwest



LEGEND:

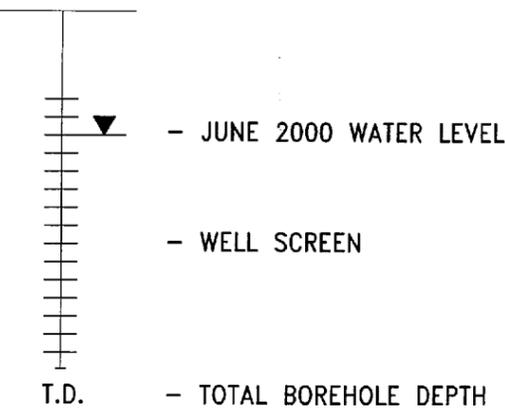
- Clays and Clayey Sands (CL, CH, SC)
- Silts (ML, MH)
- Sands (SM, SP, SW)

Note: Cross Sections are based on depth. Groundwater surface elevations not available for many boreholes.



Vertical Exaggeration: 10X

TMW-15



Group Symbol	General Descriptions
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravelsand mixtures, little or no fines
GM	Silty gravel, gravel-and-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SW	Well-graded sands, gravely sands, little or no fines
SP	Poorly graded sands or gravely sands, little or no fines
SM	Silty sand, sand-silt mixtures
SC	Clayey sands, sand-clay mixtures
ML	Inorganic silts and very fine sands, silty or clayey fine sands, or clayey silts, slight plasticity
CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, silty clays, lean clays
OL	Organic silts and organic silty clays, low plasticity
MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils, elastic soils
CH	Inorganic clays, high plasticity
OH	Organic clays, medium to high plasticity, organic silts

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

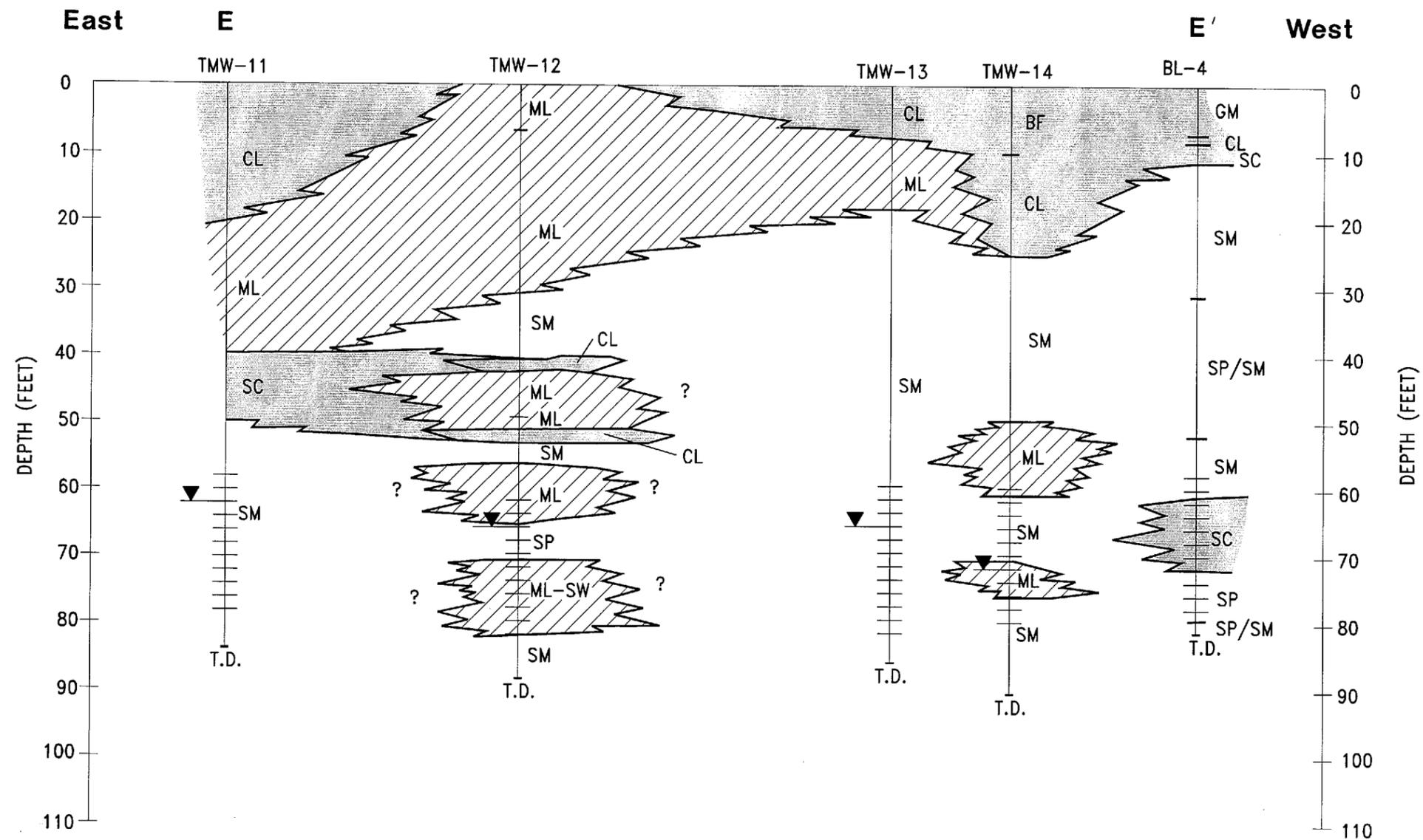
Hydrogeologic Cross Section
D-D'

October 2000
K/J 004020.00

Figure 3-6

K:\BDEING

K:\BDEING



LEGEND:

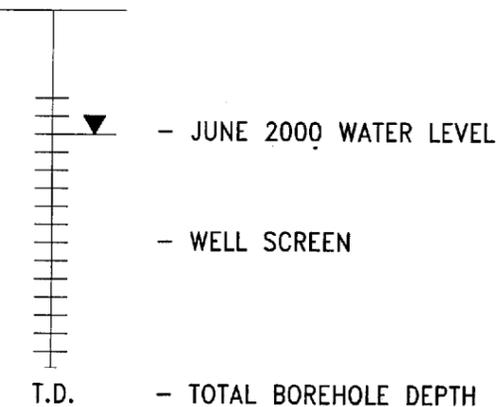
- Clays and Clayey Sands (CL, CH, SC)
- Silts (ML, MH)
- Sands (SM, SP, SW)

Note: Cross Sections are based on depth. Groundwater surface elevations not available for many boreholes.



Vertical Exaggeration: 10X

WCC-6S



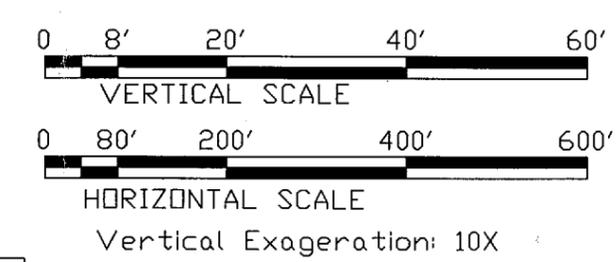
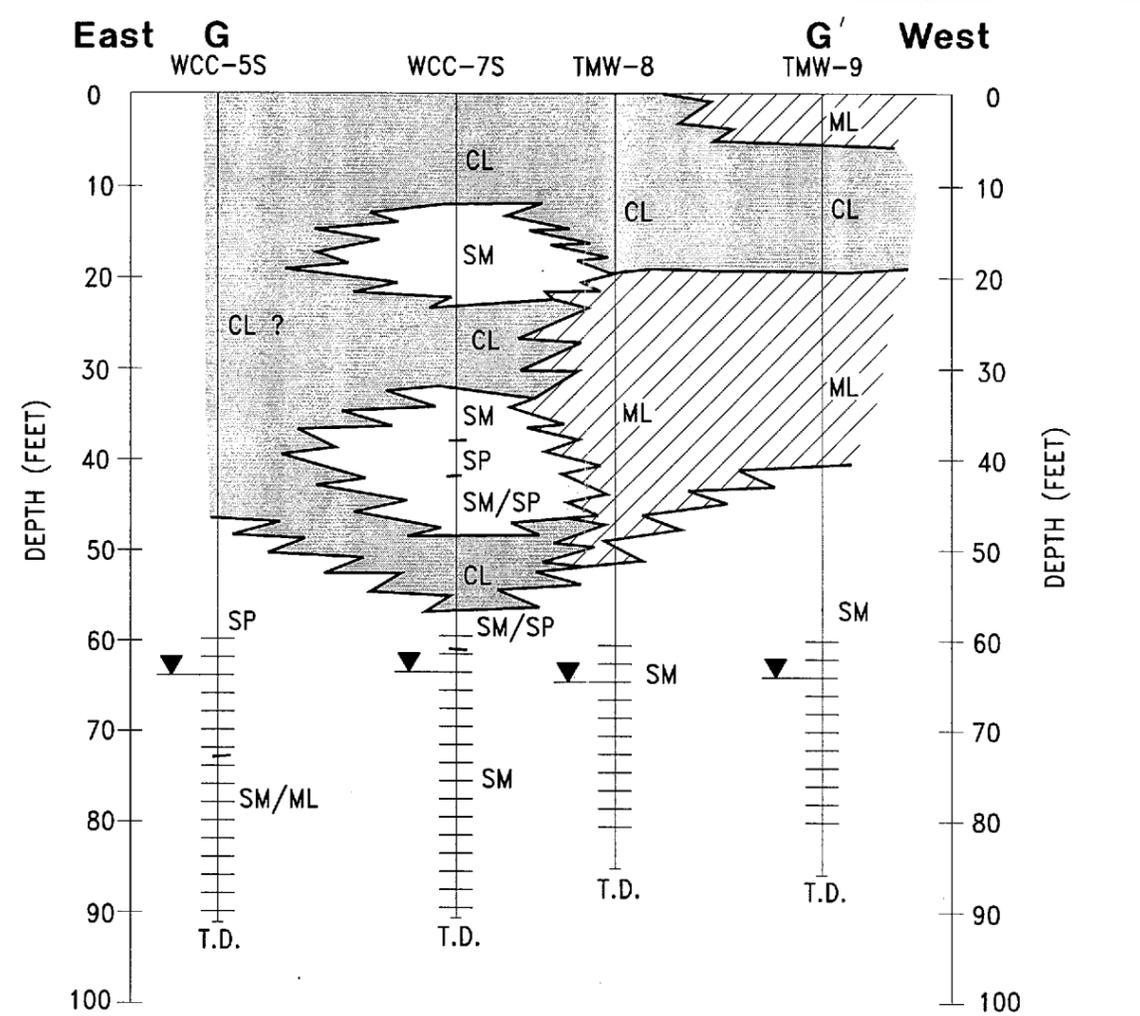
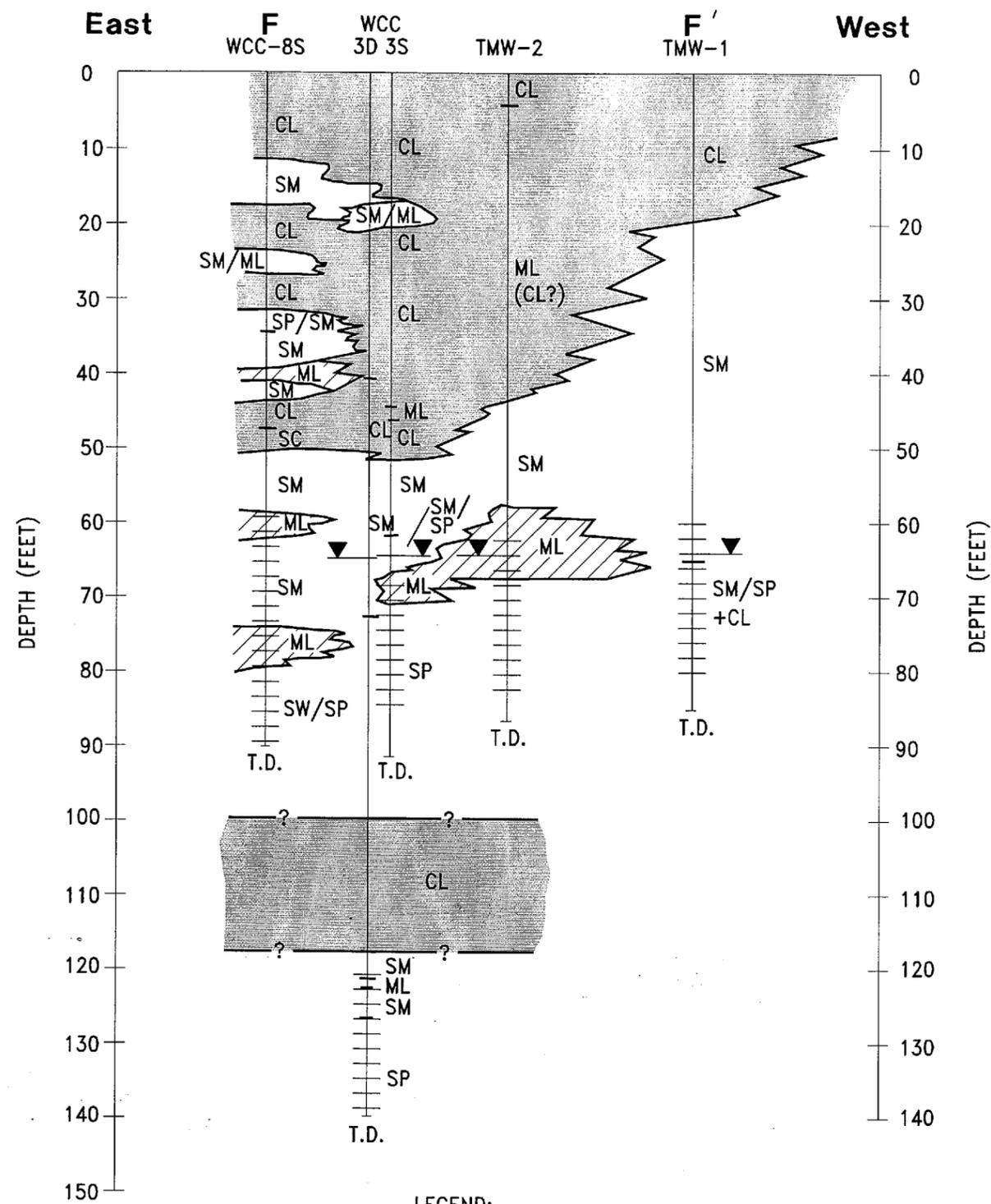
Group Symbol	General Descriptions
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravelsand mixtures, little or no fines
GM	Silty gravel, gravel-and-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SW	Well-graded sands, gravelly sands, little or no fines
SP	Poorly graded sands or gravelly sands, little or no fines
SM	Silty sand, sand-silt mixtures
SC	Clayey sands, sand-clay mixtures
ML	Inorganic silts and very fine sands, silty or clayey fine sands, or clayey silts, slight plasticity
CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, silty clays, lean clays
OL	Organic silts and organic silty clays, low plasticity
MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils, elastic soils
CH	Inorganic clays, high plasticity
OH	Organic clays, medium to high plasticity, organic silts

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Hydrogeologic Cross Section
E-E'

October 2000
K/J 004020.00
Figure 3-7



LEGEND:

- Clays and Clayey Sands (CL, CH, SC)
 - Silts (ML, MH)
 - Sands (SM, SP, SW)
- Note: Cross Sections are based on depth. Groundwater surface elevations not available for many boreholes.
- TMW-1**
- JUNE 2000 WATER LEVEL
 - WELL SCREEN
 - TOTAL BOREHOLE DEPTH

Group Symbol	General Descriptions
GW	Well-graded gravels, gravel sand mixtures, little or no fines
GP	Poorly graded gravels or gravelsand mixtures, little or no fines
GM	Silty gravel, gravel-and-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
SW	Well-graded sands, gravely sands, little or no fines
SP	Poorly graded sands or gravely sands, little or no fines
SM	Silty sand, sand-silt mixtures
SC	Clayey sands, sand-clay mixtures
ML	Inorganic silts and very fine sands, silty or clayey fine sands, or clayey silts, slight plasticity
CL	Inorganic clays of low to medium plasticity, gravelly clays, silty clays, silty clays, lean clays
OL	Organic silts and organic silty clays, low plasticity
MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils, elastic soils
CH	Inorganic clays, high plasticity
OH	Organic clays, medium to high plasticity, organic silts

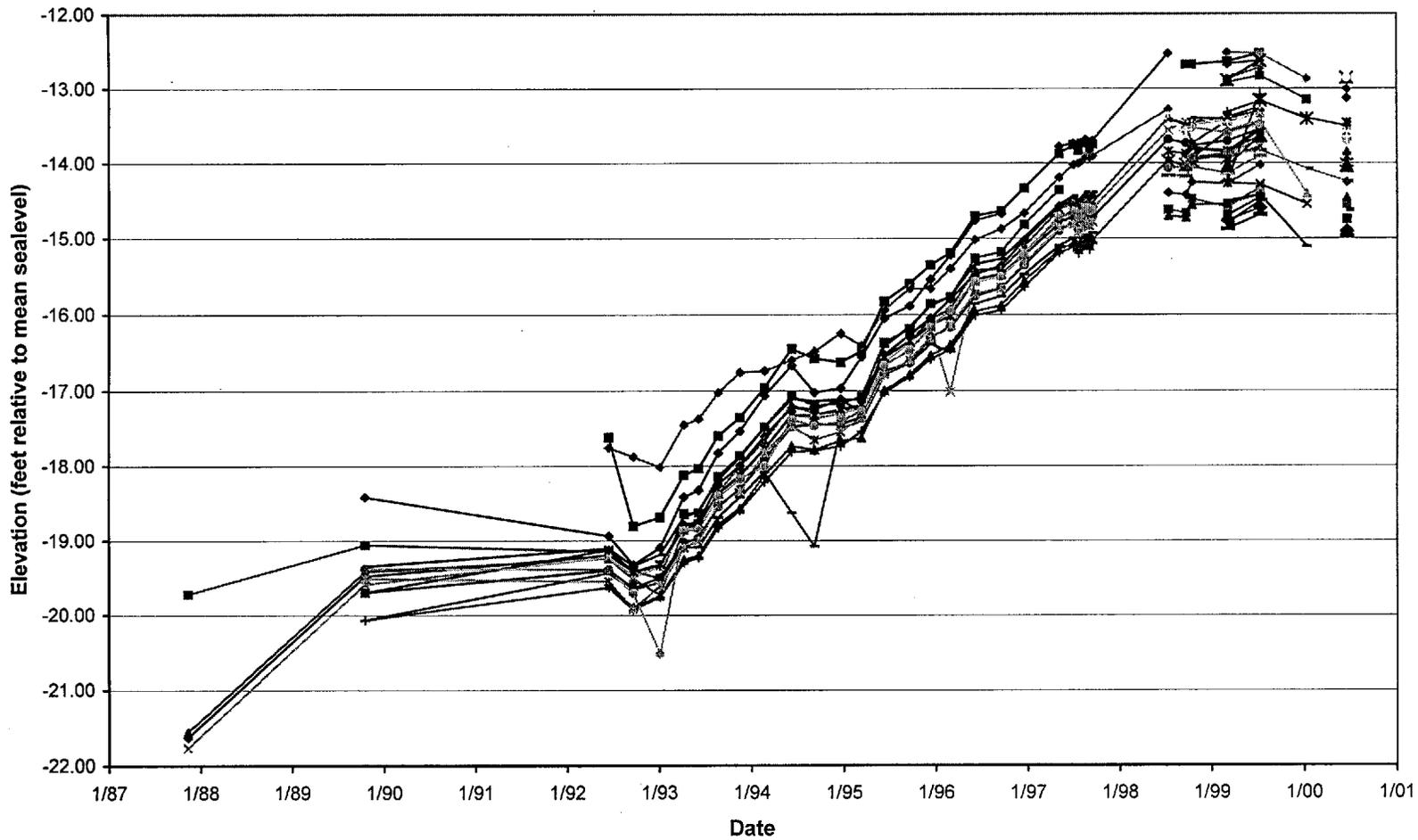
Kennedy/Jenks Consultants
 Boeing Realty Corporation
 Former C-6 Facility

Hydrogeologic Cross Sections
 F-F' AND G-G'

October 2000
 K/J 004020.00
 Figure 3-8

K:\BEING\CROSSSECT-06.DWG

Hydrographs for All Wells at Boeing C-6



- ◆ WCC-1S
- WCC-2S
- ▲ WCC-3S
- × WCC-4S
- ✱ WCC-5S
- WCC-6S
- † WCC-7S
- WCC-8S
- WCC-9S
- ◆ WCC-10S
- WCC-11S
- ▲ WCC-12S
- DAC-P1
- × WCC-1D
- WCC-3D
- TMW-1
- TMW-2
- TMW-3
- ◆ TMW-4
- TMW-5
- ▲ TMW-6
- × TMW-7
- ✱ TMW-8
- TMW-9
- † TMW-10
- TMW-11
- TMW-12
- ◆ TMW-13
- TMW-14
- ▲ TMW-15
- × TMW-16
- ✱ TMW-17
- BL-1
- † BL-2
- BL-3
- BL-4
- ◆ BL-5
- BL-6
- ▲ BL-7
- × BL-8

Kennedy/Jenks Consultants

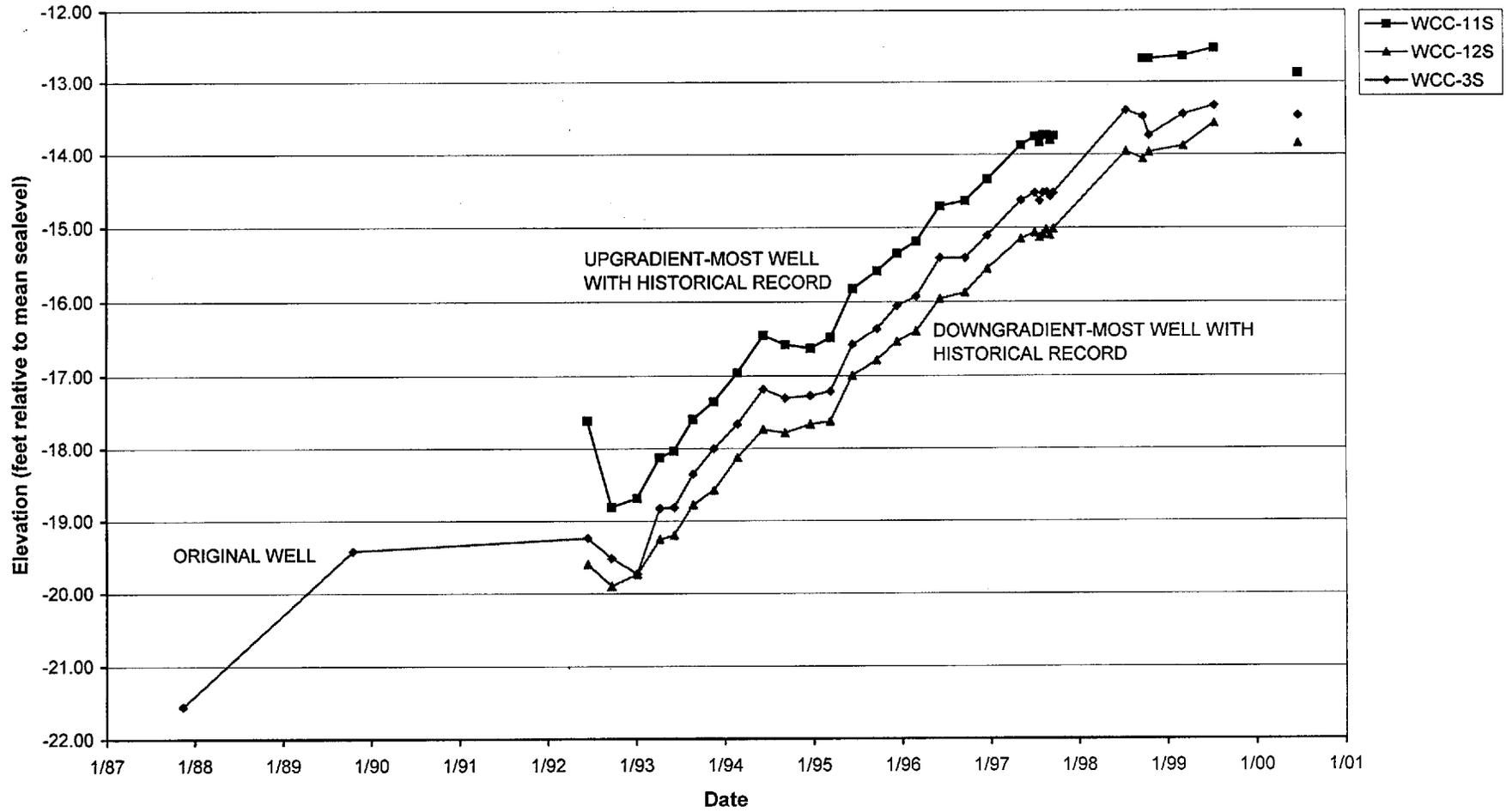
Boeing Realty Corporation
Former C-6 Facility

Hydrographs for all Wells
at Boeing C-6

October 2000
K/J 004020.00

Figure 3-9

Hydrographs for WCC-11S and WCC-12S at Boeing C-6



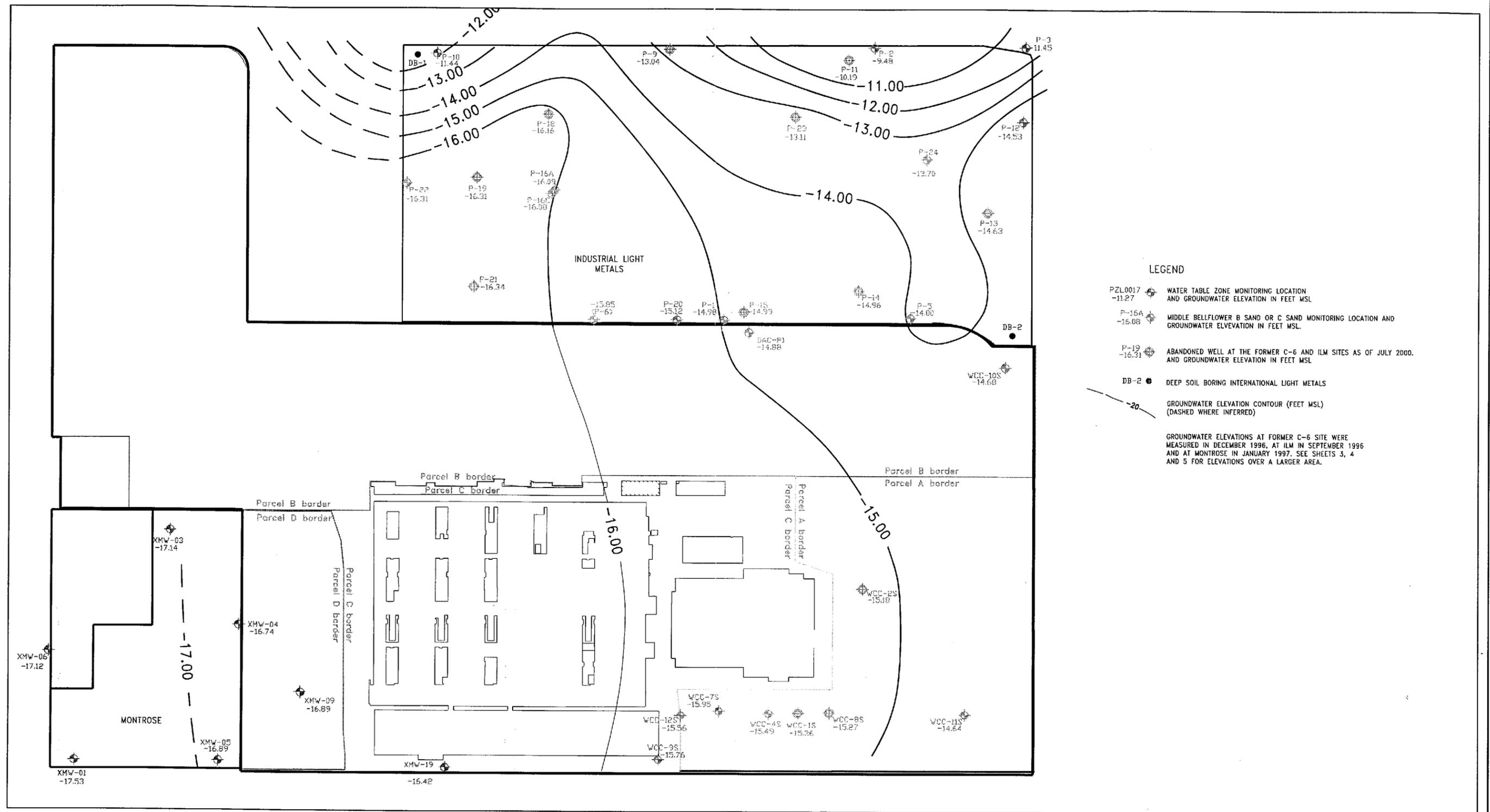
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Hydrographs for Selected Wells
at Boeing C-6

October 2000
K/J 004020.00
Figure 3-10

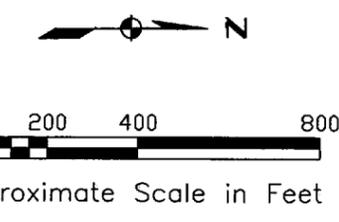
K:\Boeing\ri\BRC_C-6\BOE-PLUME\wtr.dwg, 10/26/2000



LEGEND

- PZL0017 -11.27 WATER TABLE ZONE MONITORING LOCATION AND GROUNDWATER ELEVATION IN FEET MSL
- P-16A -16.08 MIDDLE BELLFLOWER B SAND OR C SAND MONITORING LOCATION AND GROUNDWATER ELEVATION IN FEET MSL
- P-19 -16.31 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000. AND GROUNDWATER ELEVATION IN FEET MSL
- DB-2 DEEP SOIL BORING INTERNATIONAL LIGHT METALS
- 20 GROUNDWATER ELEVATION CONTOUR (FEET MSL) (DASHED WHERE INFERRED)

GROUNDWATER ELEVATIONS AT FORMER C-6 SITE WERE MEASURED IN DECEMBER 1996, AT ILM IN SEPTEMBER 1996 AND AT MONTROSE IN JANUARY 1997. SEE SHEETS 3, 4 AND 5 FOR ELEVATIONS OVER A LARGER AREA.

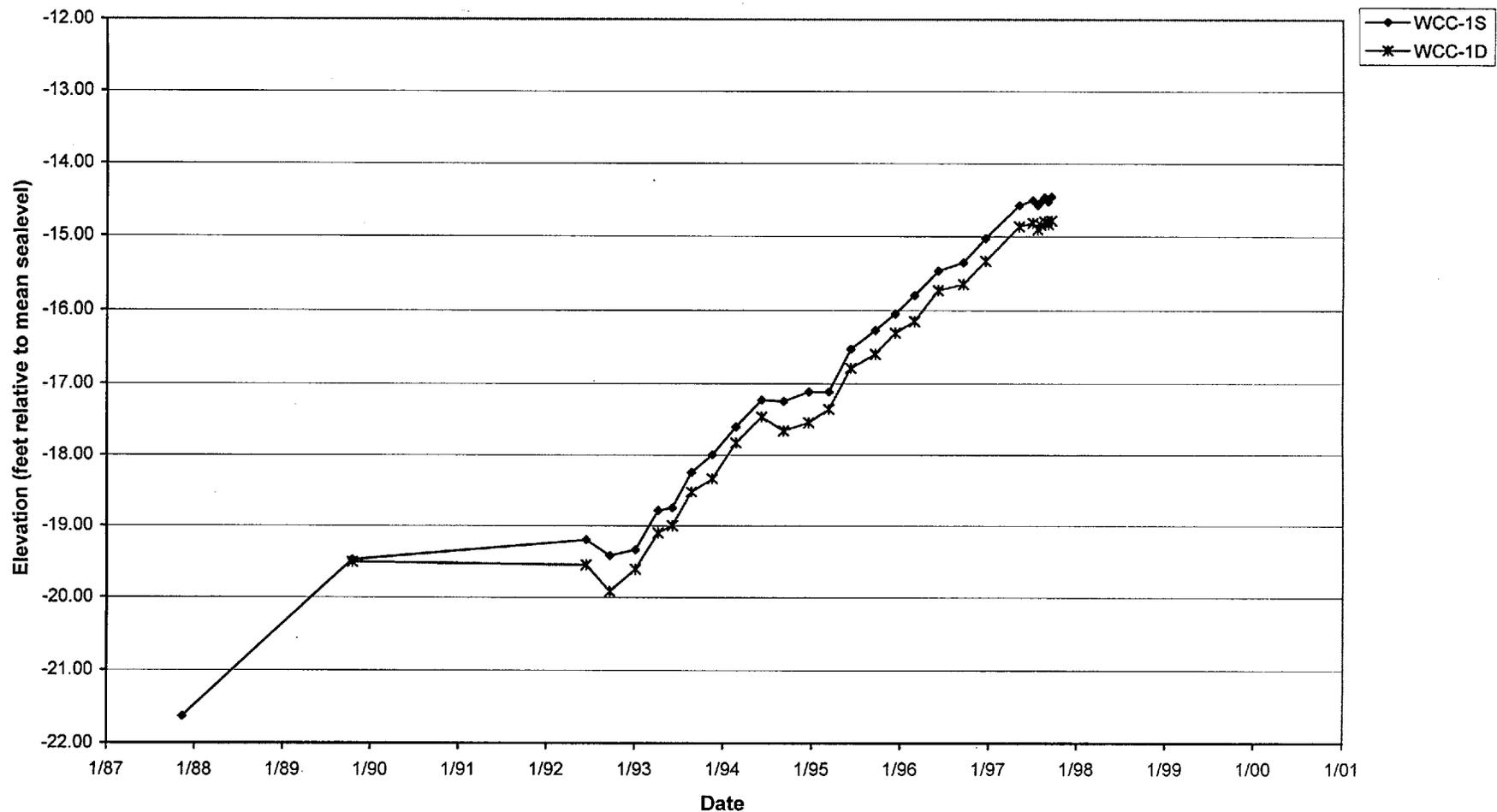


Kennedy/Jenks Consultants
 Boeing Realty Corporation
 Former C-6 Facility

Groundwater Elevations Middle Bellflower
 Sand B, Late 1996 - Early 1997

October 2000
 K/J 004020.00
 Figure 3-11

Hydrographs MW-1S and WCC-1D at Boeing C-6



Kennedy/Jenks Consultants

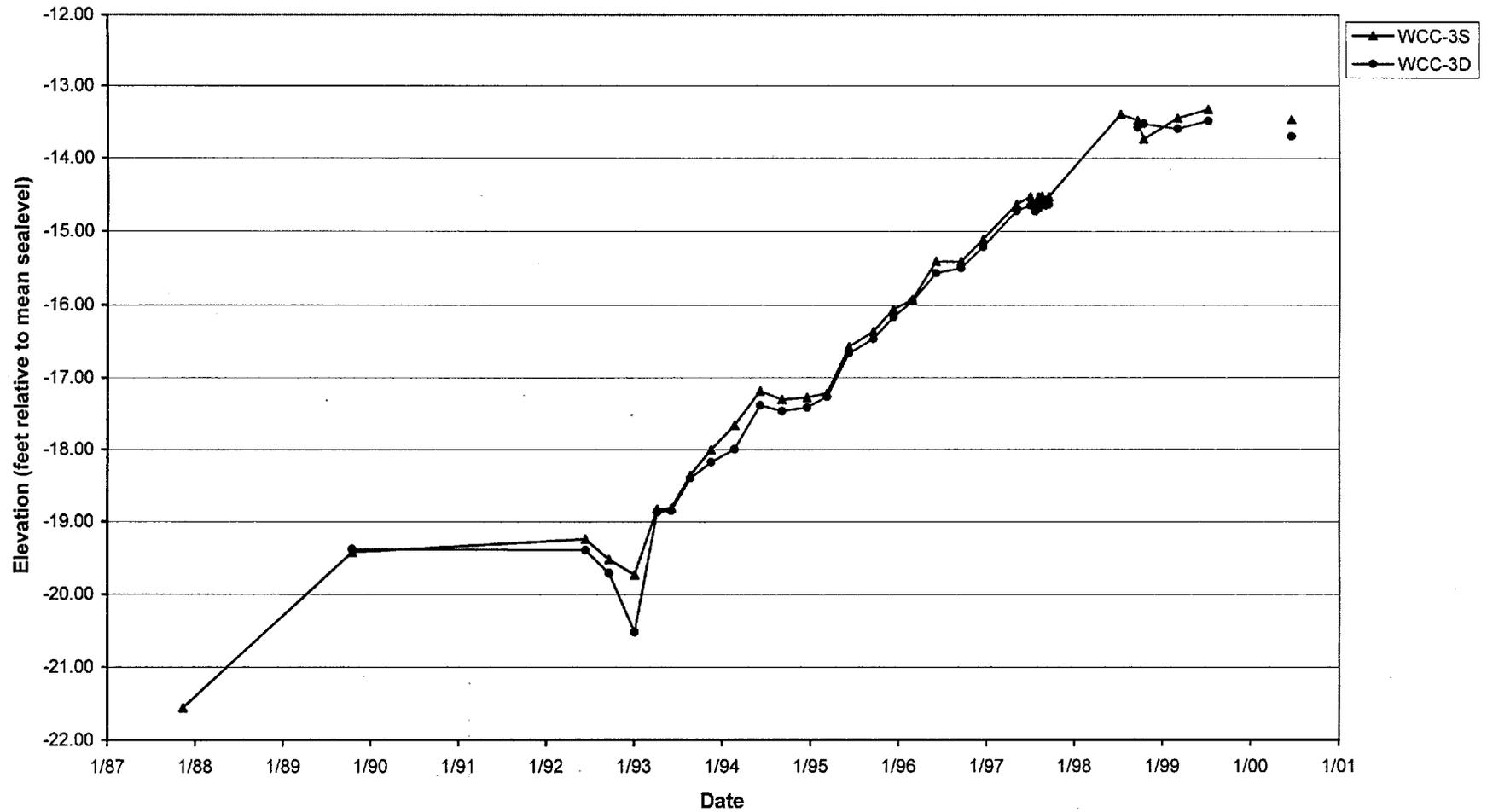
Boeing Realty Corporation
Former C-6 Facility

Hydrographs for Wells WCC-1S
and WCC-1D

October 2000
K/J 004020.00
Figure 3-12

K:\boeing\c-6facility\figure3-12.dwg

Hydrographs for WCC-3S and WCC-3D at Boeing C-6



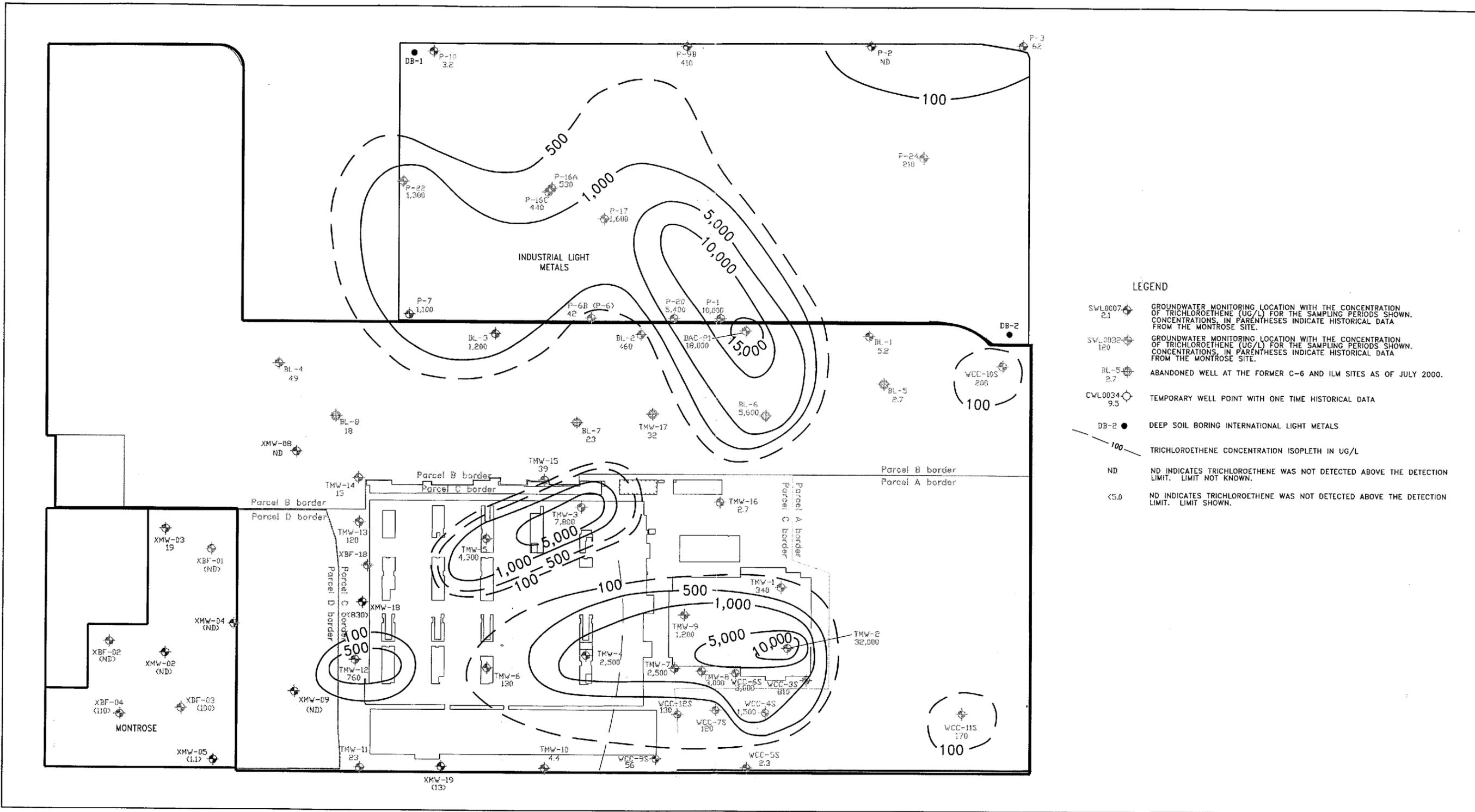
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

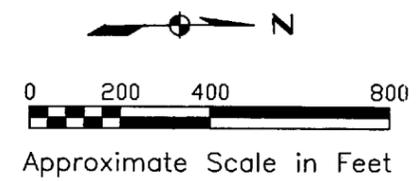
Hydrographs for Wells WCC-3S
and WCC-3D

October 2000
K/J 004020.00
Figure 3-13

K:\Boeing\MJURC_C-6\BOE-PLUME\trce1.dwg, 10/26/2000



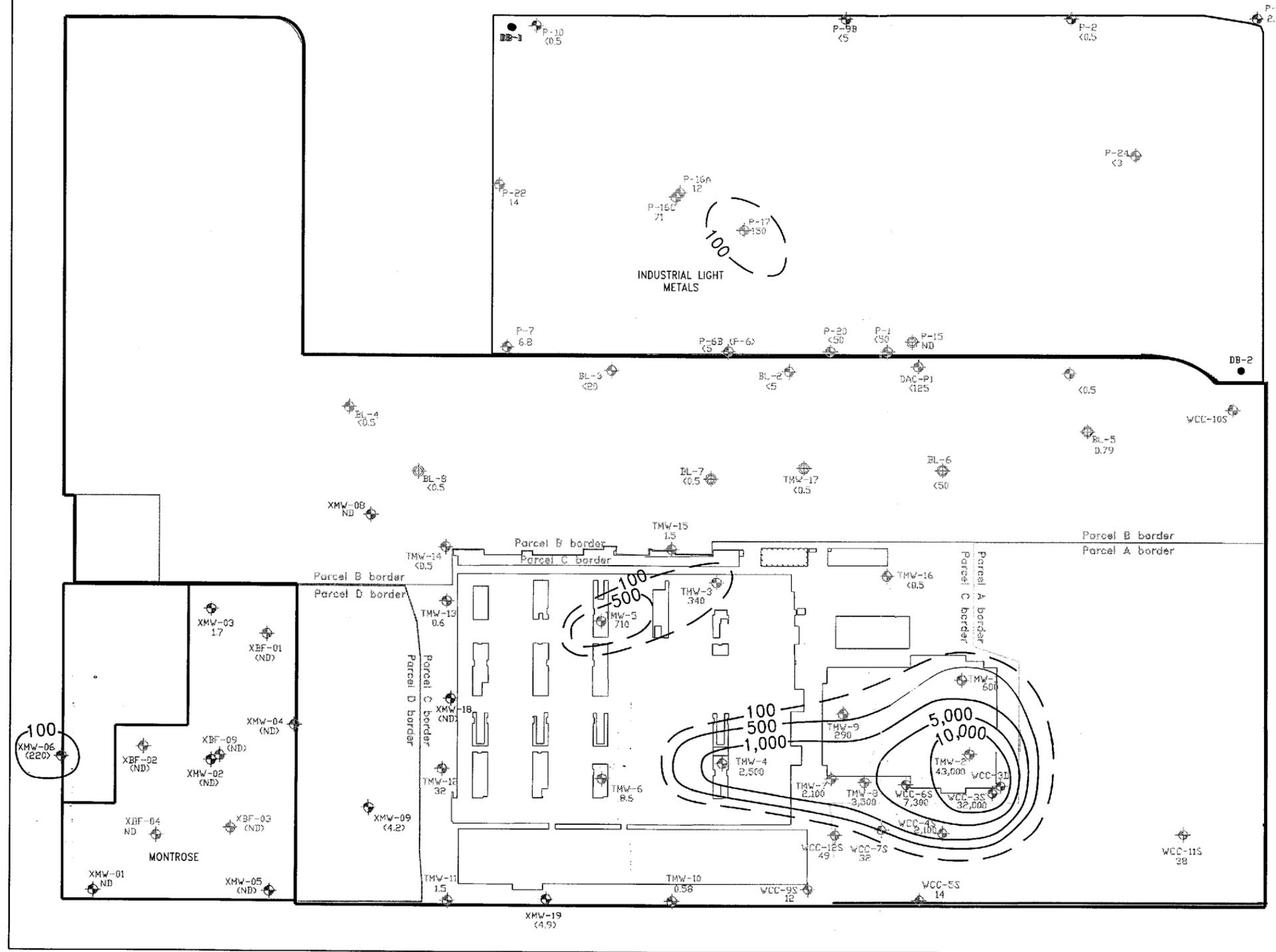
- LEGEND**
- SWL0007 2.1 GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TRICHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
 - SWL0032 120 GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TRICHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
 - BL-5 2.7 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
 - CWL0034 9.5 TEMPORARY WELL POINT WITH ONE TIME HISTORICAL DATA
 - DB-2 DEEP SOIL BORING INTERNATIONAL LIGHT METALS
 - 100 TRICHLOROETHENE CONCENTRATION ISOPLETH IN UG/L
 - ND ND INDICATES TRICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
 - <5.0 ND INDICATES TRICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.



Kennedy/Jenks Consultants
 Boeing Realty Corporation
 Former C-6 Facility
Trichloroethene in Groundwater
 July 1999

October 2000
 K/J 004020.00
 Figure 4-1

K:\Boeing\MDRC C-6\BDE-PL\ME\acel.dwg, 10/26/2000



LEGEND

- PZL0002 2.7 GROUNDWATER MONITORING LOCATION IN THE UPPER BELFLOWER AQUITARD FINE GRAINED UNIT (PREDOMINATELY) THE CONCENTRATION OF 1,1-DICHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- SWL0032 120 GROUNDWATER MONITORING LOCATION IN THE MIDDLE BELFLOWER AQUITARD B-SAND, C-SAND AND B/C-SAND THE CONCENTRATION OF 1,1-DICHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- BL-5 2.7 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
- DB-2 DEEP SOIL BORING INTERNATIONAL LIGHT METALS
- 100 1,1-DICHLOROETHENE CONCENTRATION ISOPLETH IN UG/L
- ND ND INDICATES 1,1-DICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
- <0.5 ND INDICATES 1,1-DICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.



Approximate Scale in Feet

Kennedy/Jenks Consultants

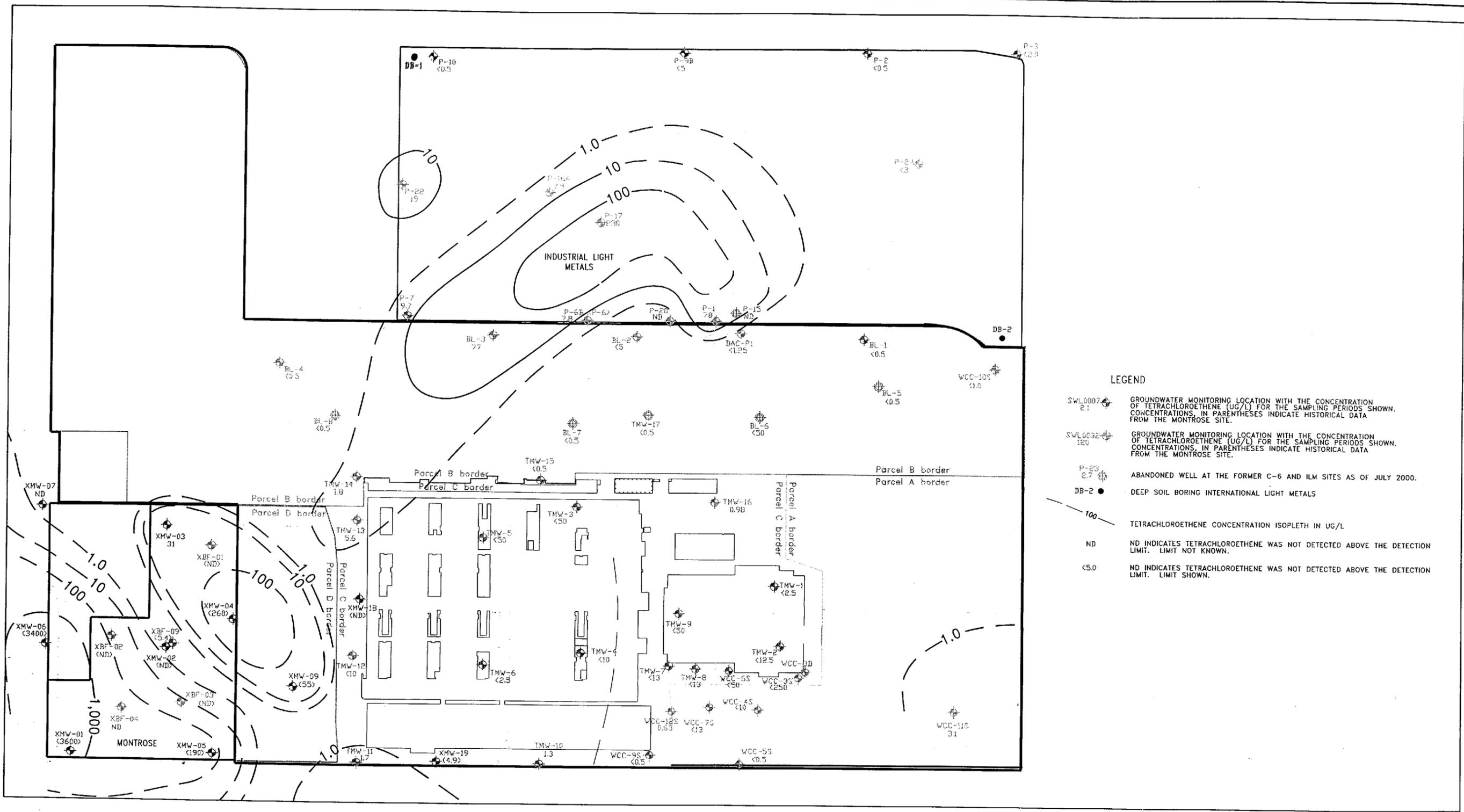
Boeing Realty Corporation
Former C-6 Facility

1,1-Dichloroethene in Groundwater
July 1999

October 2000
K/J 004020.00

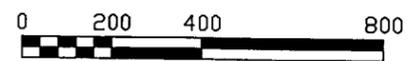
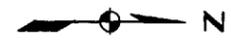
Figure 4-2

K:\Boe...DRC C-6\BDE-PLUM\Parcel.dwg, 10/26/2000



LEGEND

- SWL0007 2.1 GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TETRACHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- SWL0032 120 GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TETRACHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- P-23 2.7 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
- DB-2 DEEP SOIL BORING INTERNATIONAL LIGHT METALS
- 100 TETRACHLOROETHENE CONCENTRATION ISOPLETH IN UG/L
- ND ND INDICATES TETRACHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
- <5.0 ND INDICATES TETRACHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.



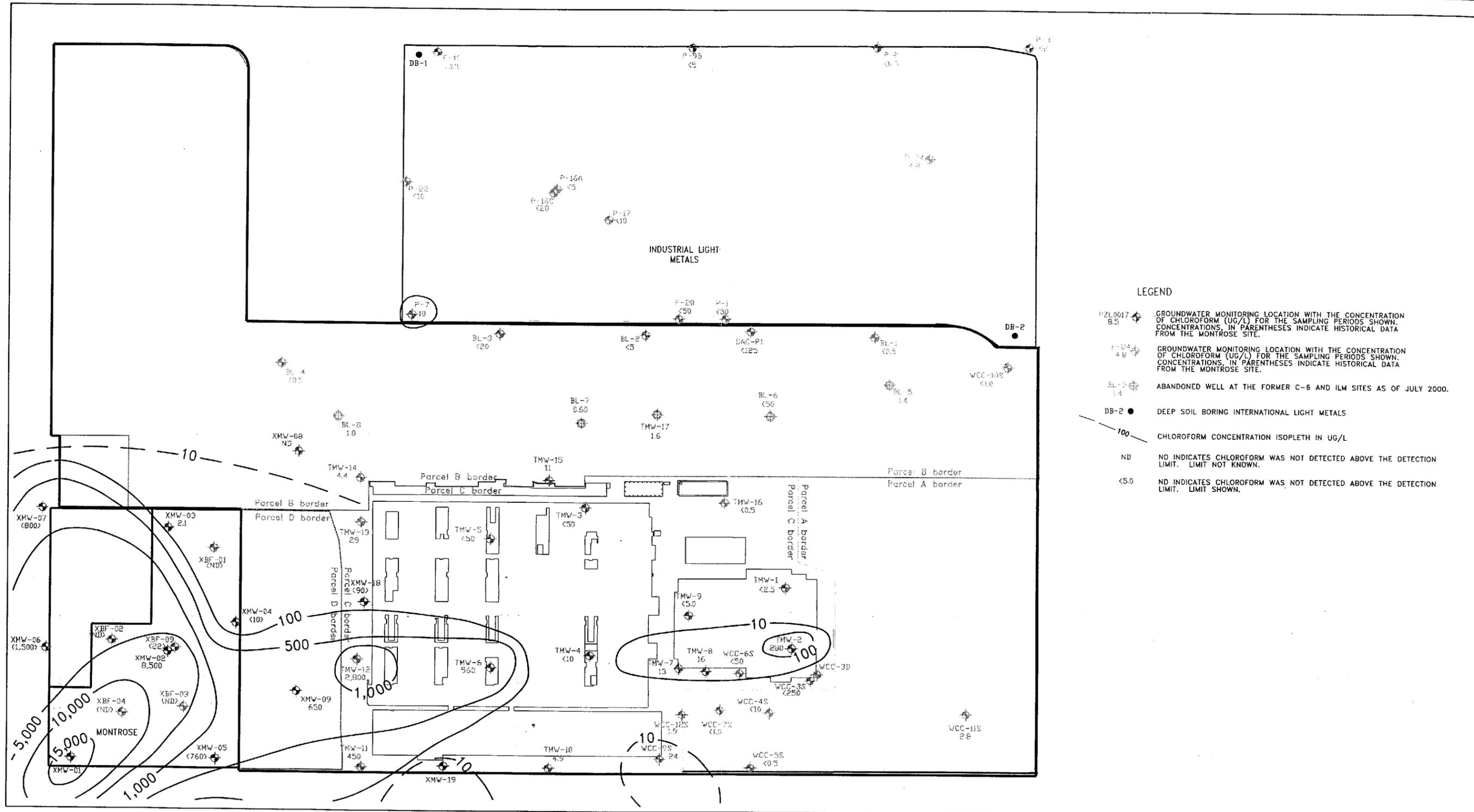
Approximate Scale in Feet

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

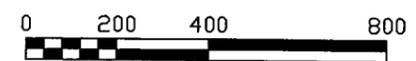
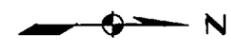
Tetrachloroethene in Groundwater
July 1999

October 2000
K/J 004020.00
Figure 4-3



LEGEND

- PZL0017 B.S. GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF CHLOROFORM (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- P-20 4.5 GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF CHLOROFORM (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- BL-14 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
- DB-2 DEEP SOIL BORING INTERNATIONAL LIGHT METALS
- 100 CHLOROFORM CONCENTRATION ISOPLETH IN UG/L
- ND ND INDICATES CHLOROFORM WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
- <5.0 ND INDICATES CHLOROFORM WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.



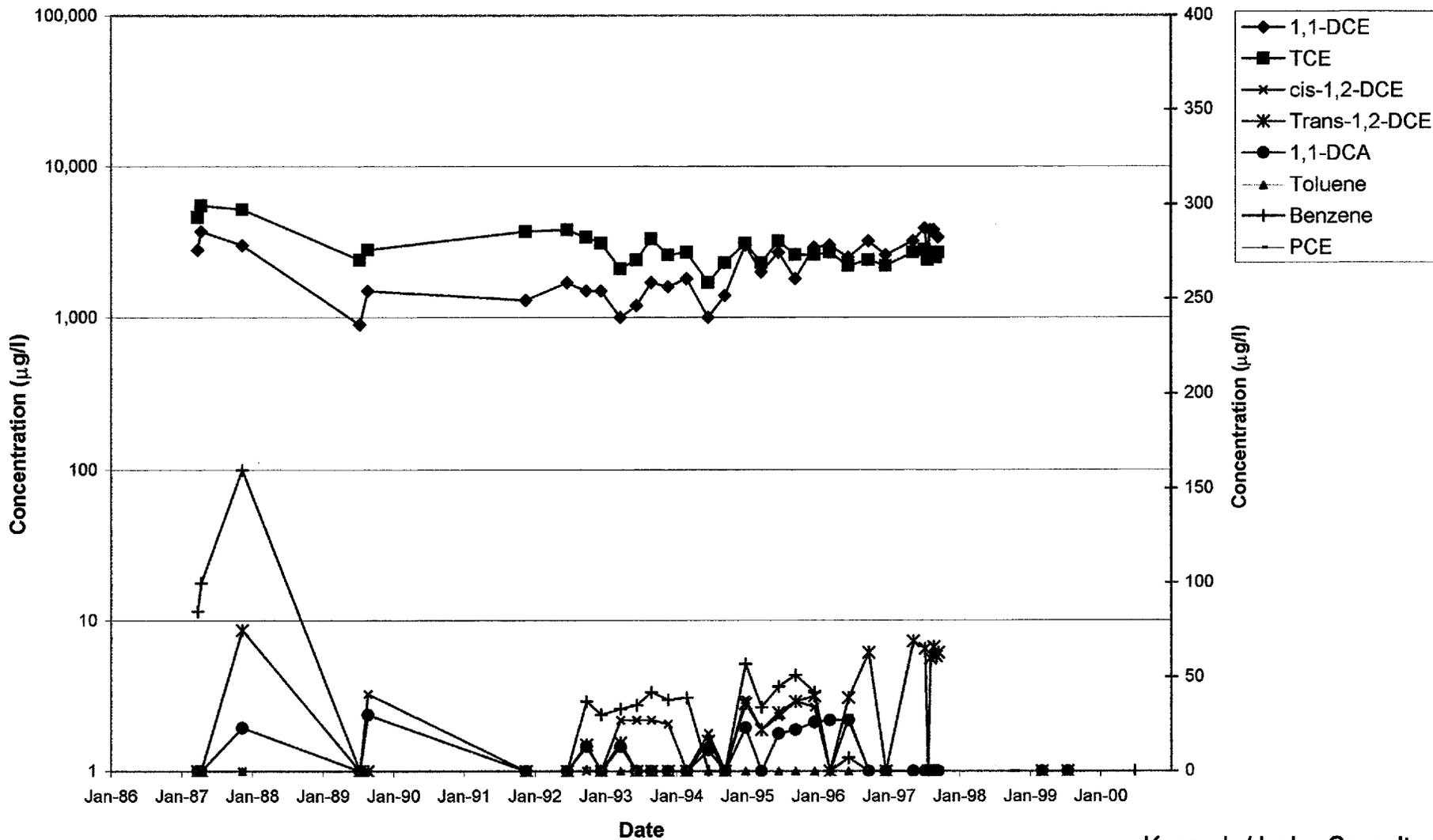
Approximate Scale in Feet

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

**Chloroform in Groundwater
July 1999**

October 2000
K/J 004020.00
Figure 4-4



004020.00-003 WCC-1S VOCs

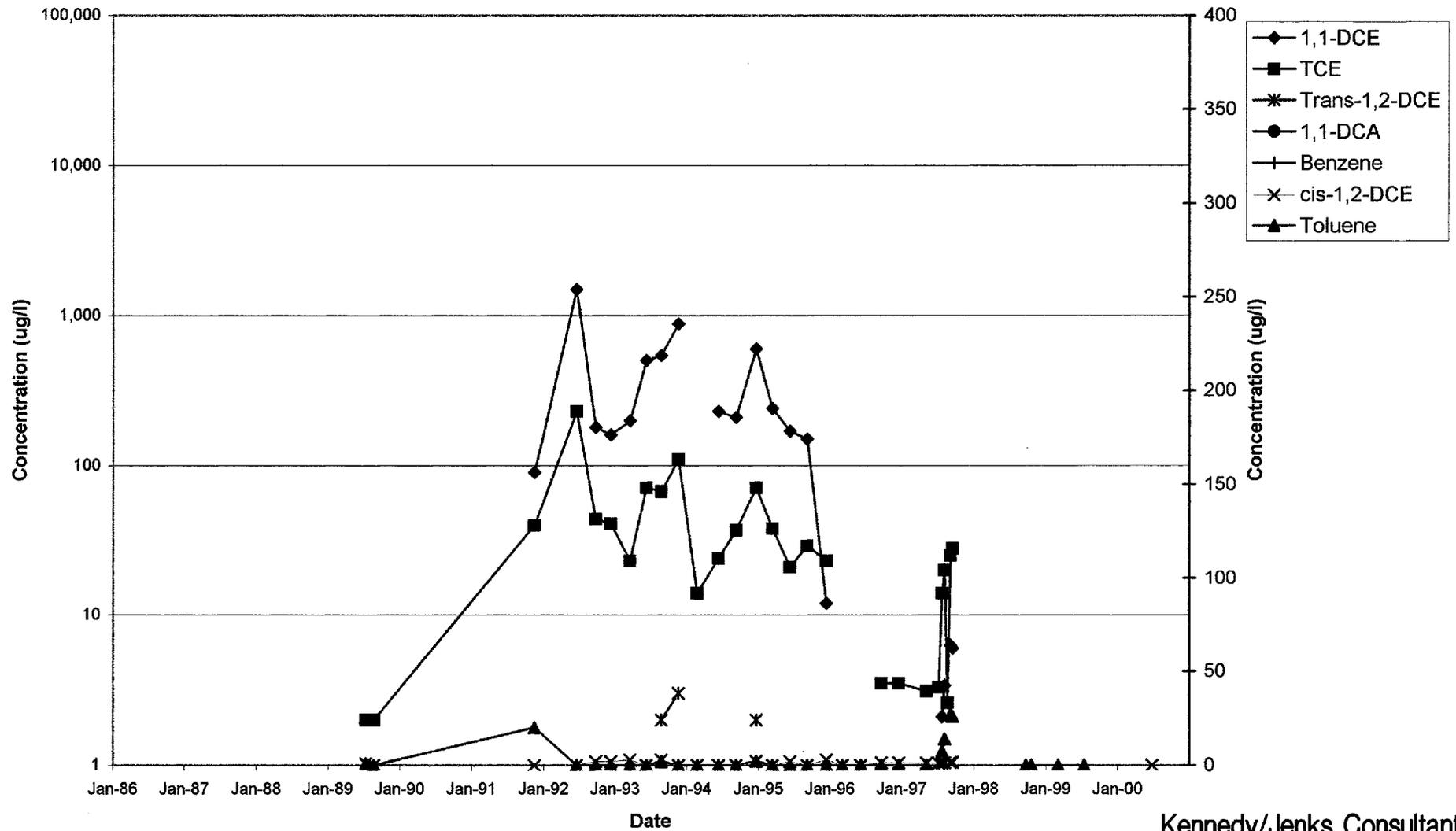
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-1S

October 2000
K/J 004020.00
Figure 4-5

K:\boeing\c-6facility\figure4-1.dwg



004020.00-003 WCC-1D VOCs

Kennedy/Jenks Consultants

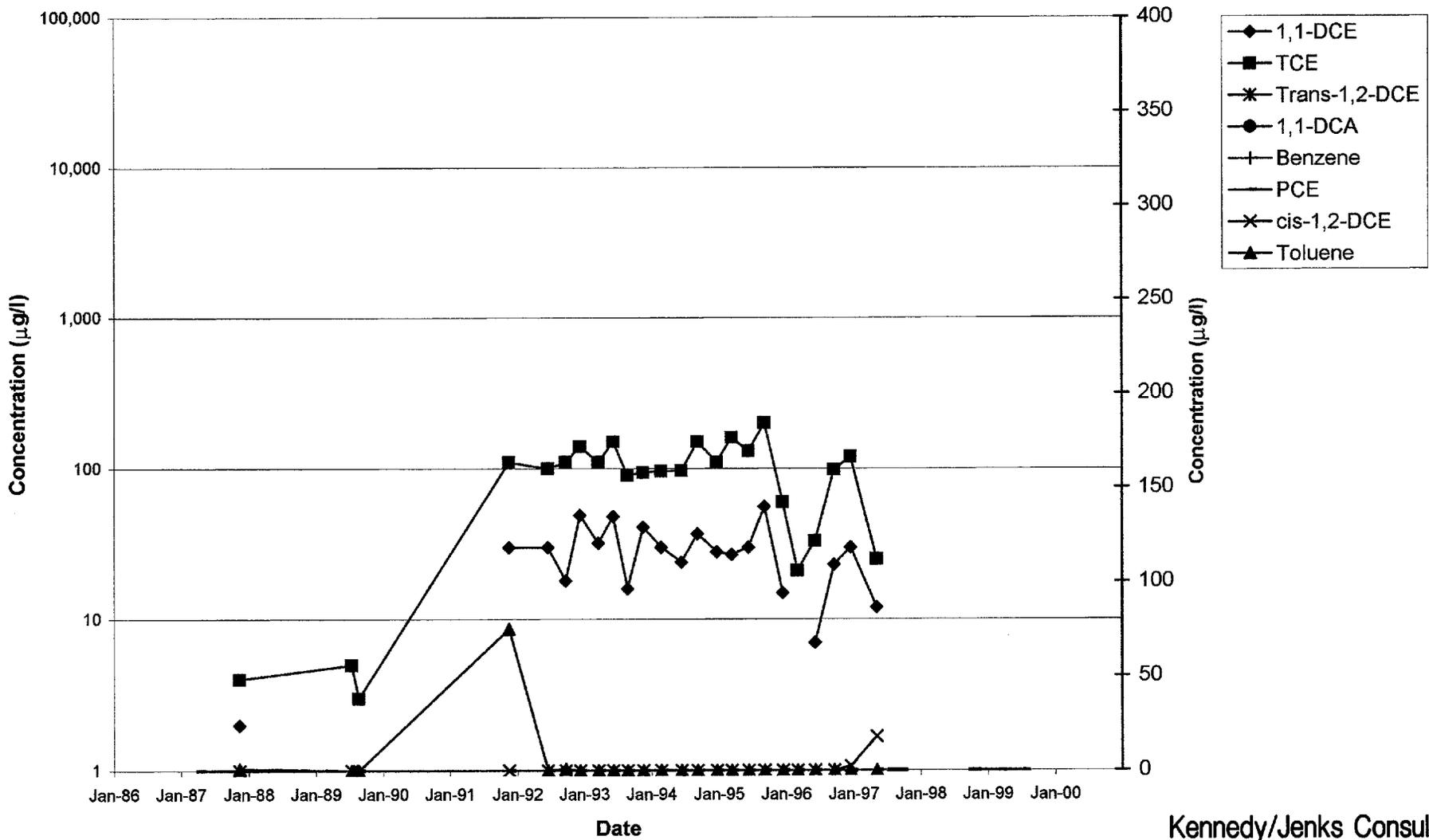
Boeing Realty Corporation
Former C-6 Facility

**Time-Series Graph of VOCs
at WCC-1D**

October 2000
K/J 004020.00

Figure 4-6

K:\boeing\c-6facility\figure4-2.dwg



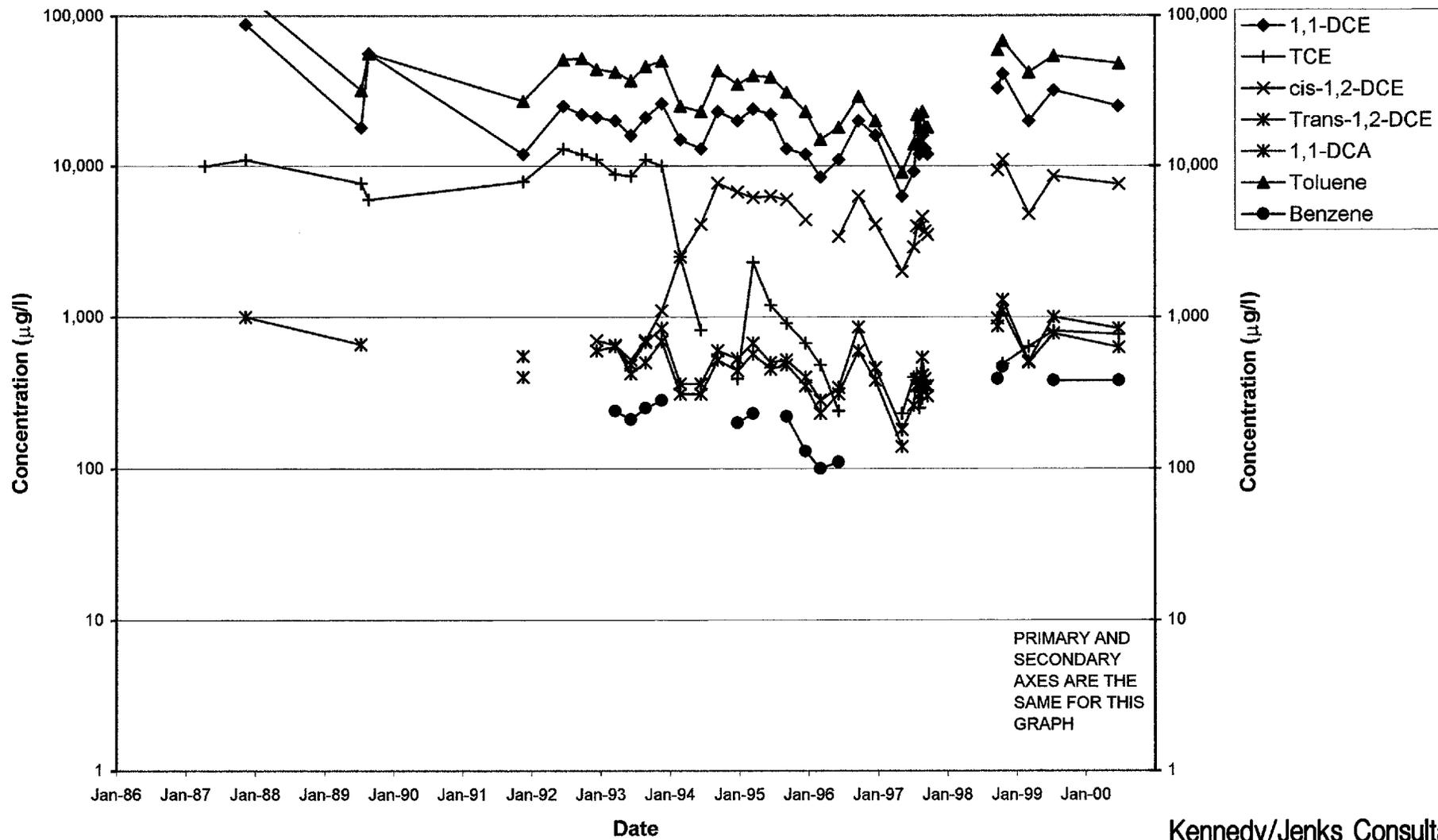
004020.00-003 WCC-2S VOCs

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-2S

October 2000
K/J 004020.00
Figure 4-7



004020.00-003 WCC-3S VOCs

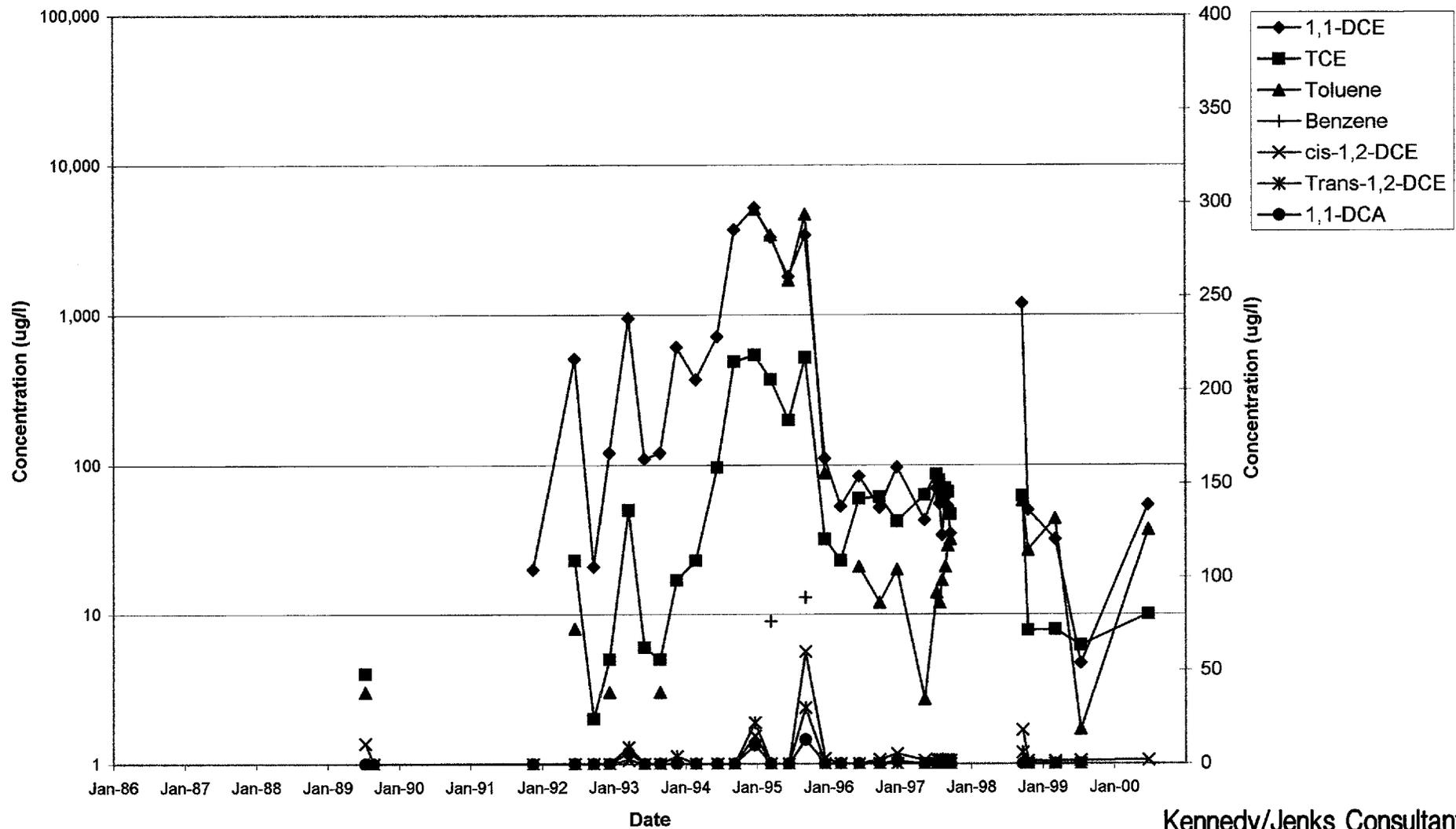
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-3S

October 2000
K/J 004020.00

Figure 4-8



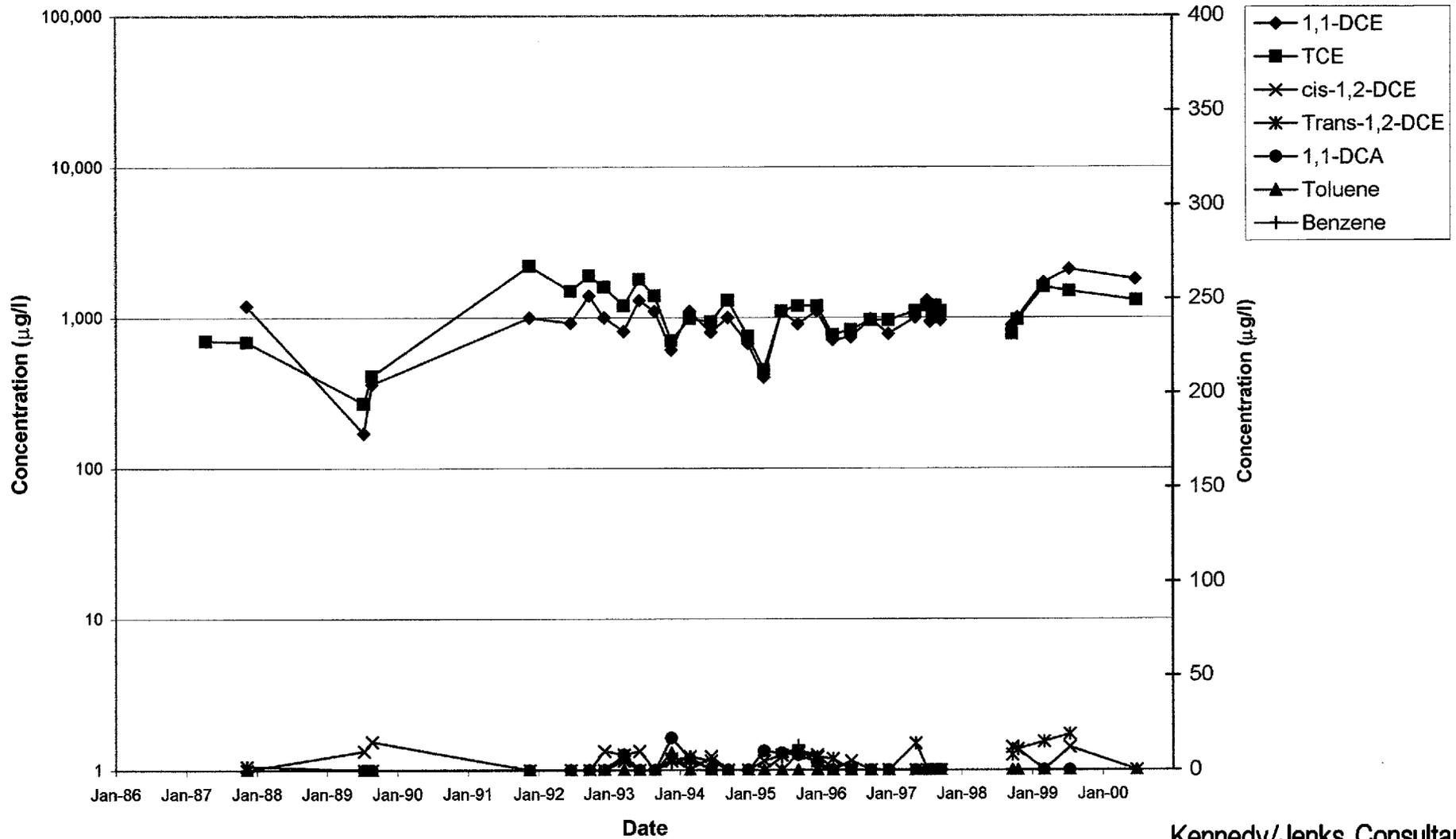
004020.00-003 WCC-3D VOCs

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-3D

October 2000
K/J 004020.00
Figure 4-9



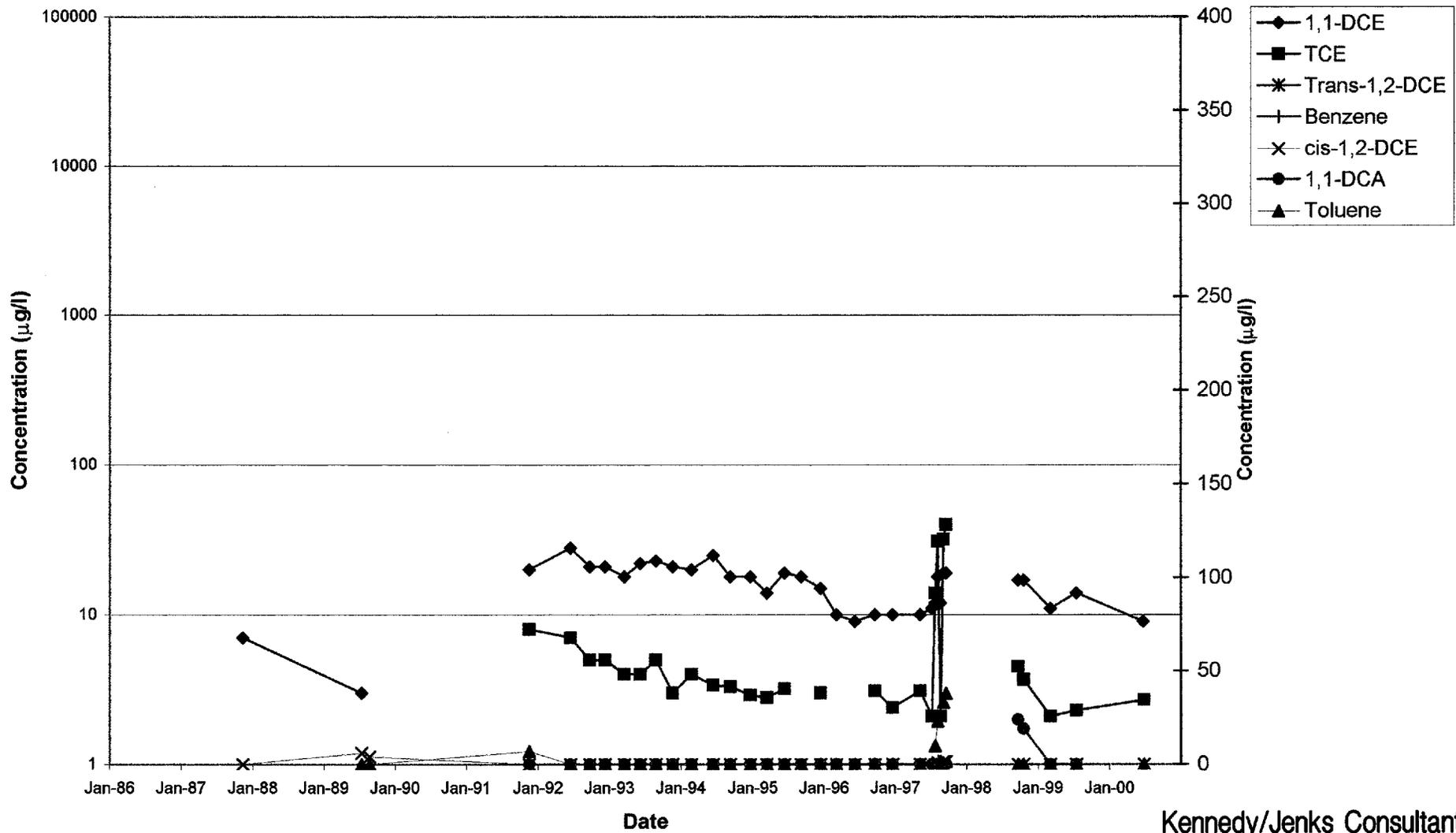
004020.00-003 WCC-4S VOCs

Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-4S

October 2000
K/J 004020.00
Figure 4-10



004020.00-003 WCC-5S VOCs

Kennedy/Jenks Consultants

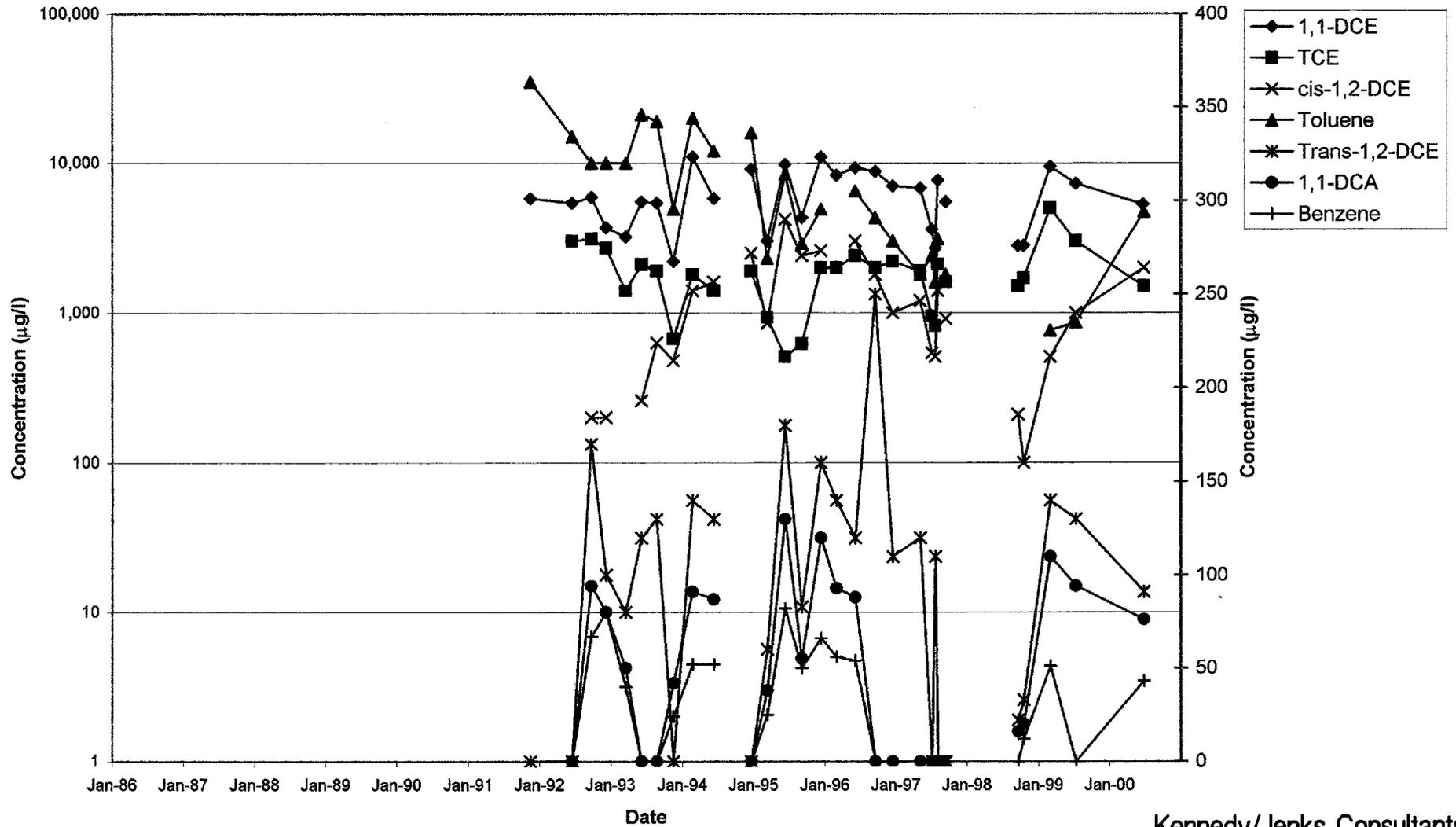
Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-5S

October 2000
K/J 004020.00

Figure 4-11

K:\boeing\c-7\facility\figure4-7.dwg



Kennedy/Jenks Consultants

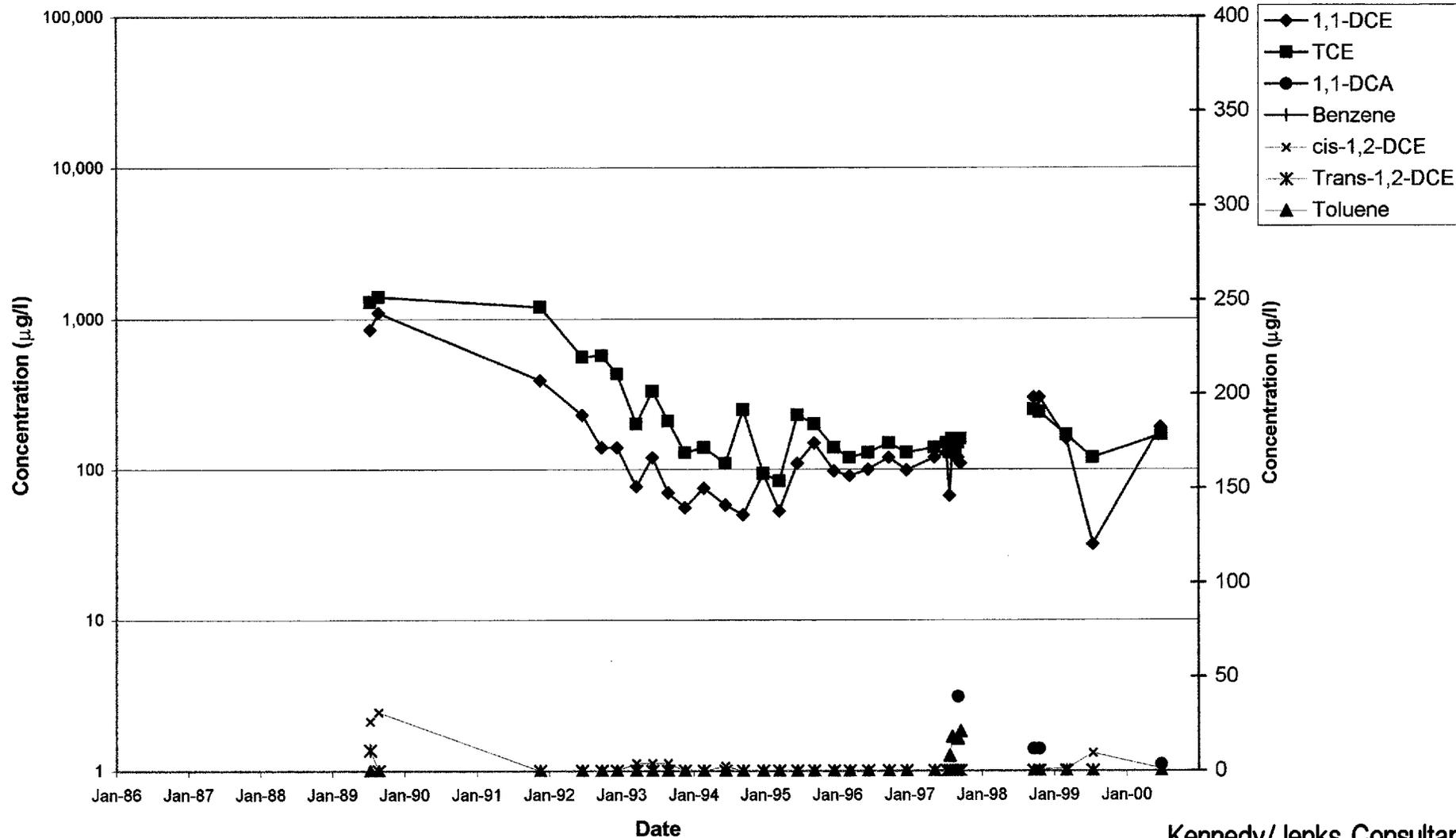
Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-6S

October 2000
K/J 004020.00
Figure 4-12

004020.00-003WCC-6S VOCs

K:\boeing\c-8facility\figure4-8.dwg



004020.00-003 WCC-7S VOCs

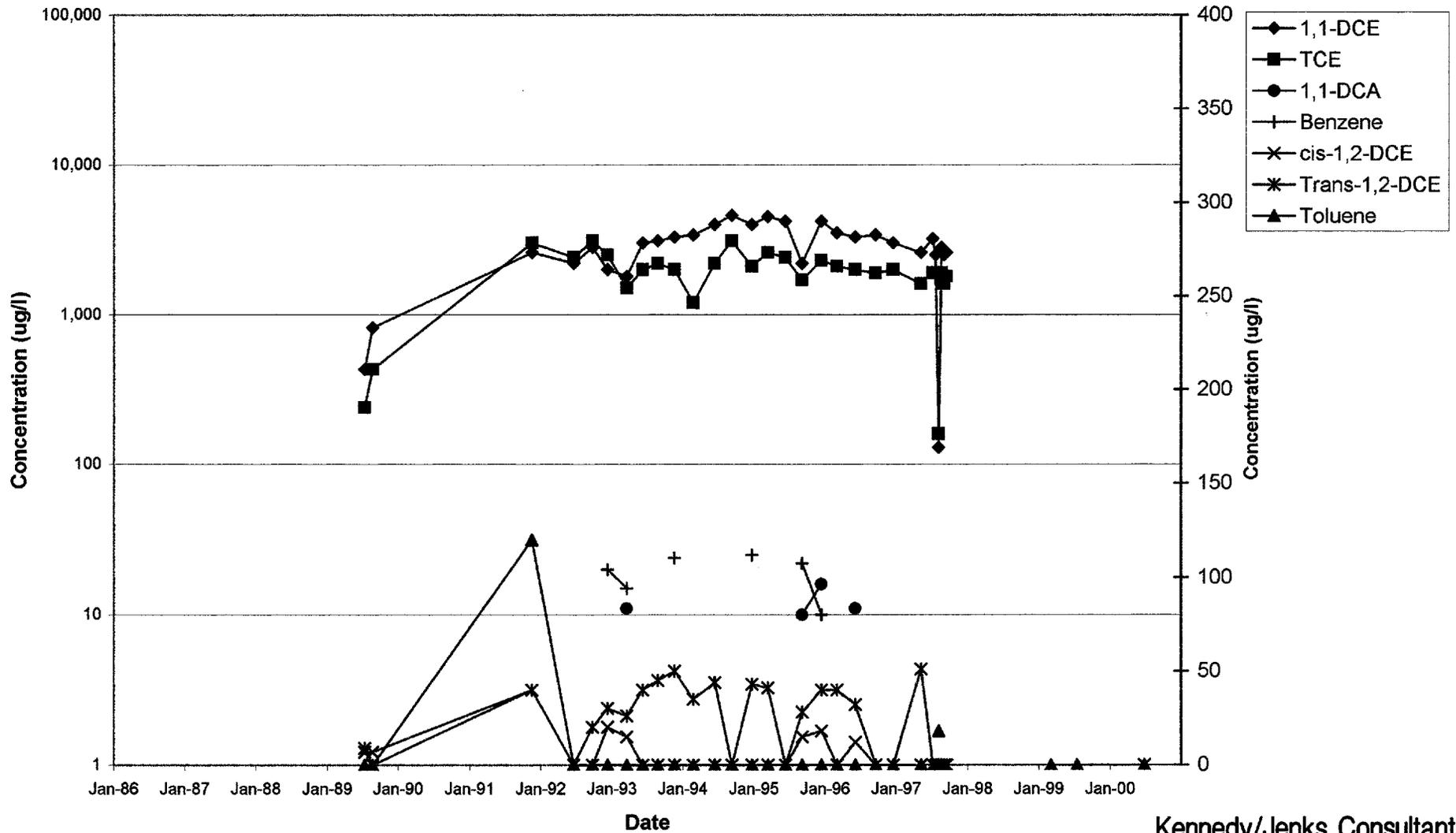
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-7S

October 2000
K/J 004020.00
Figure 4-13

K:\boeing\c-9facility\figure4-9.dwg



004020.00-003 WCC-8S VOCs

Kennedy/Jenks Consultants

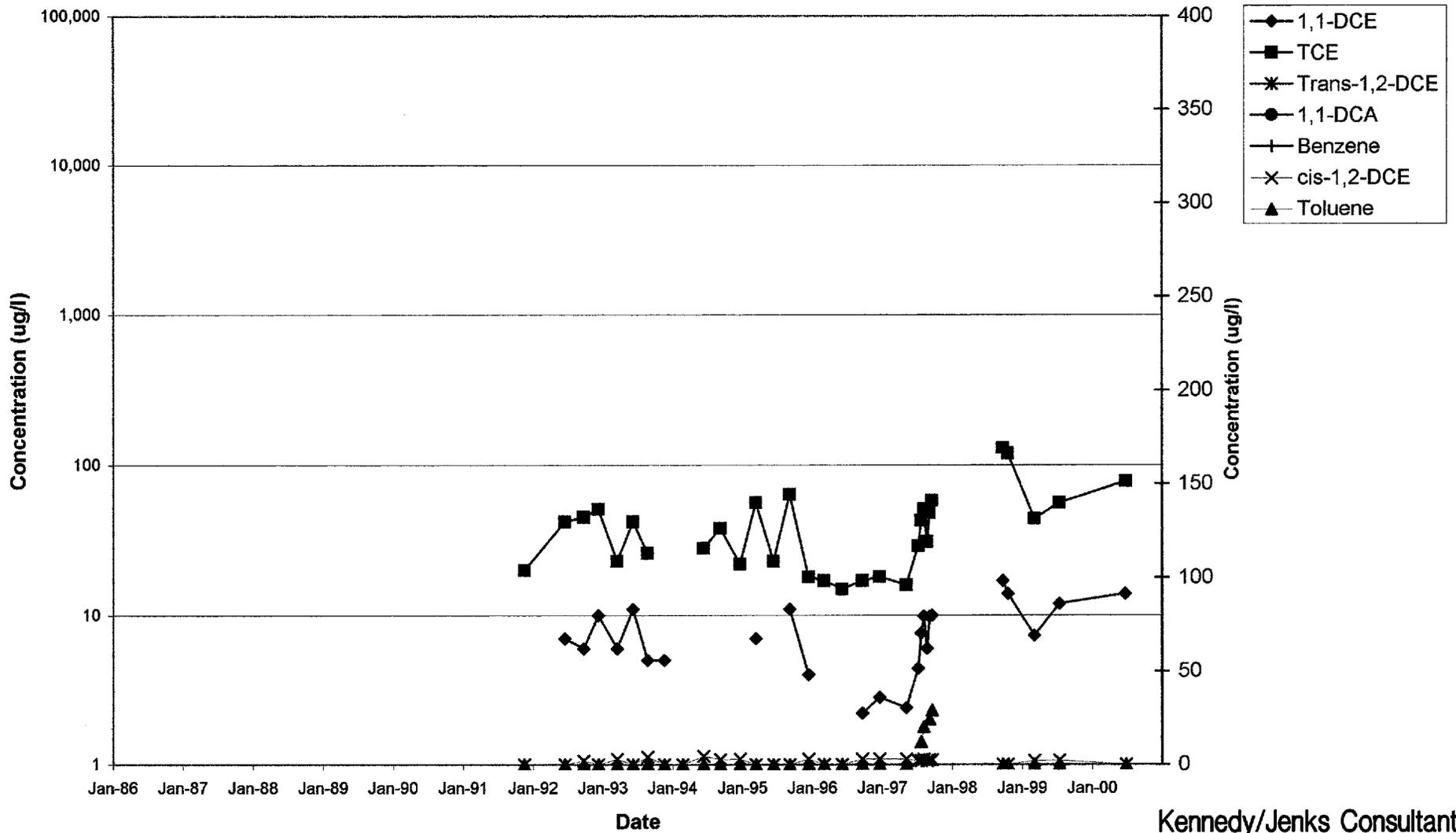
Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-8S

October 2000
K/J 004020.00

Figure 4-14

K:\boeing\c-10\facility\figure4-14.dwg



004020.00-003 WCC-9S VOCs

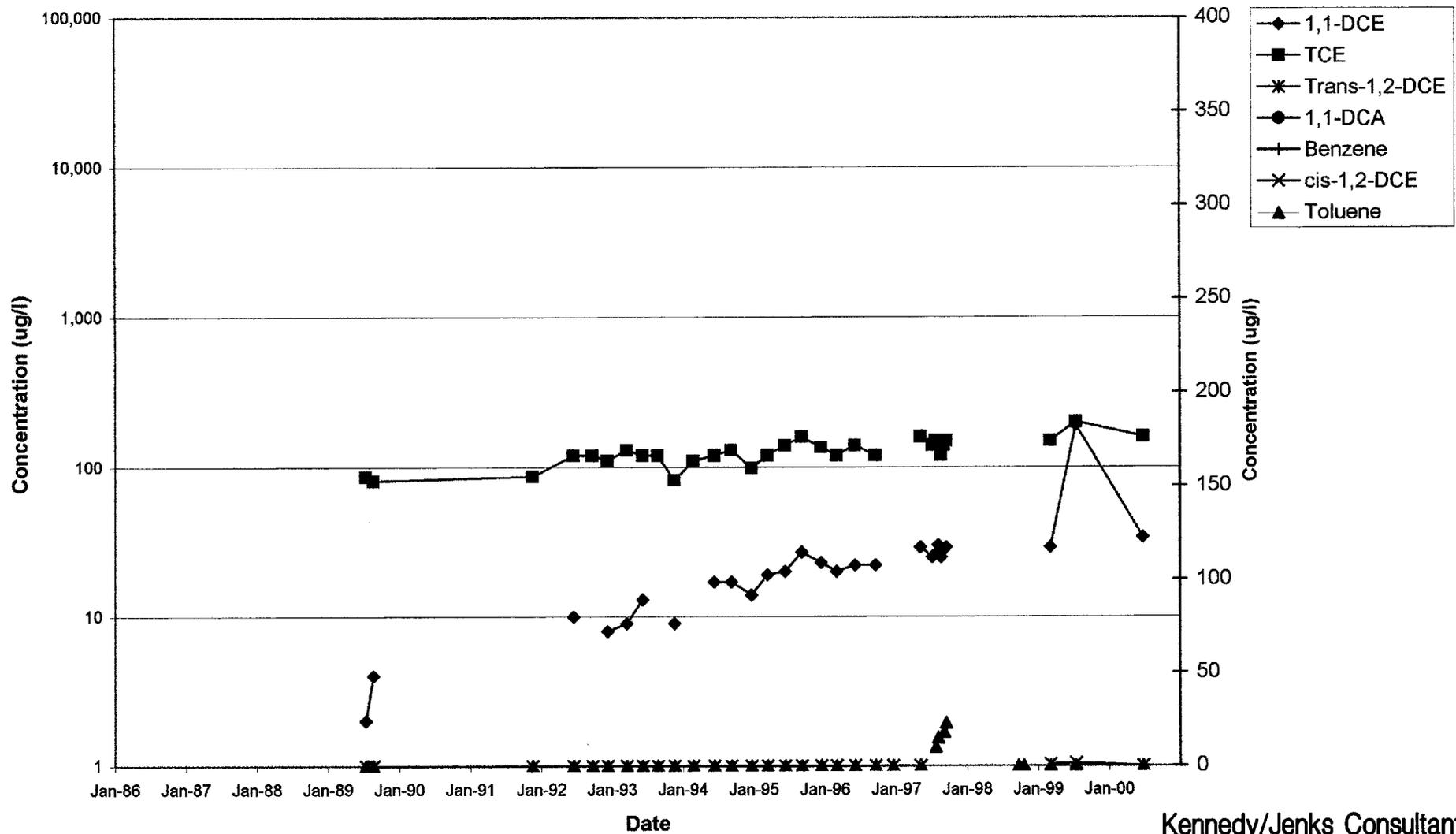
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

**Time-Series Graph of VOCs
at WCC-9S**

October 2000
K/J 004020.00
Figure 4-15

K:\boeing\c-11\facility\figure4-15.dwg



004020.00-003 WCC-10S VOCs

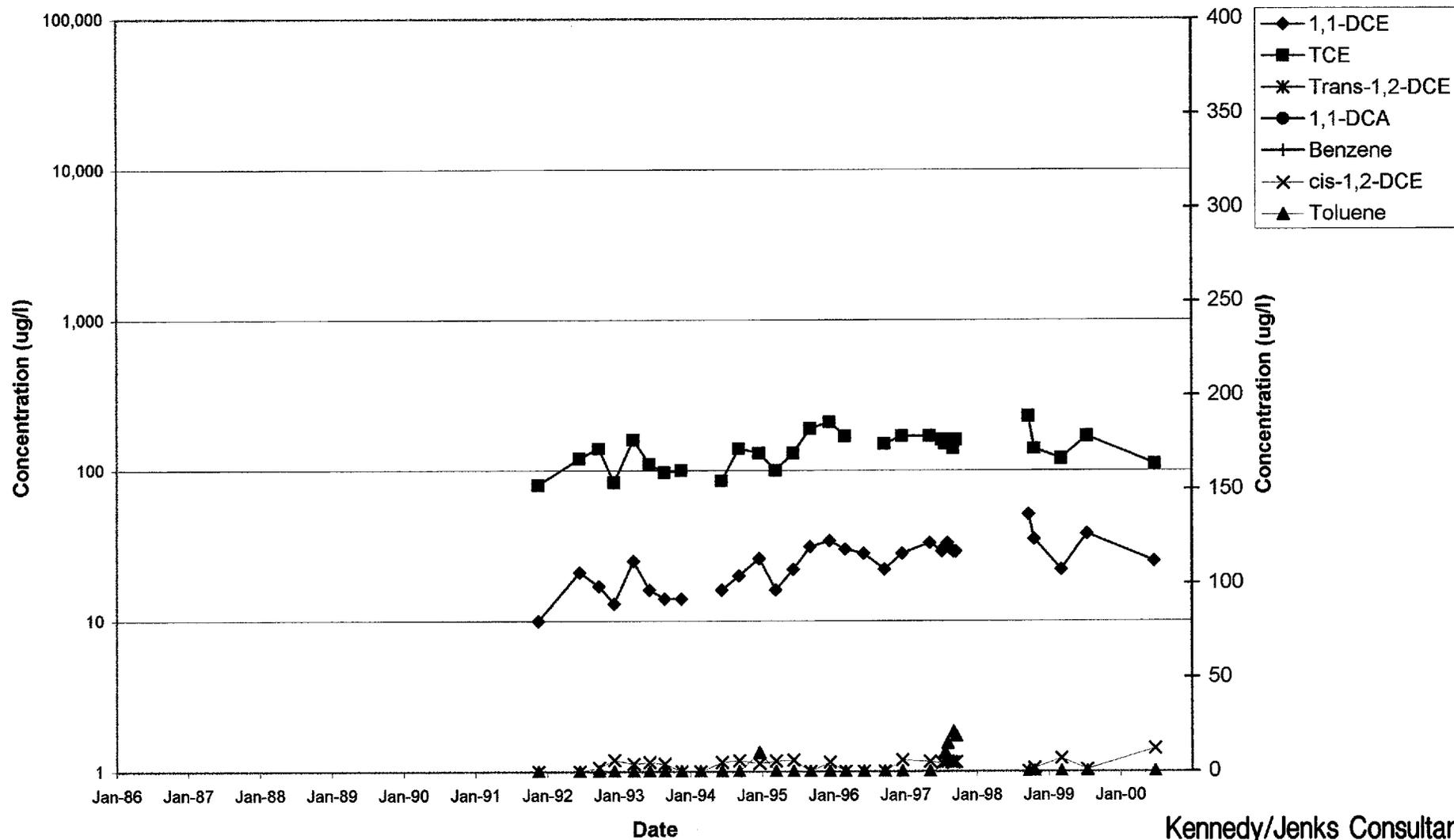
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-10S

October 2000
K/J 004020.00
Figure 4-16

K:\boeing\c-12\facility\figure4-16.dwg



004020.00-003 WCC-11S VOCs

Kennedy/Jenks Consultants

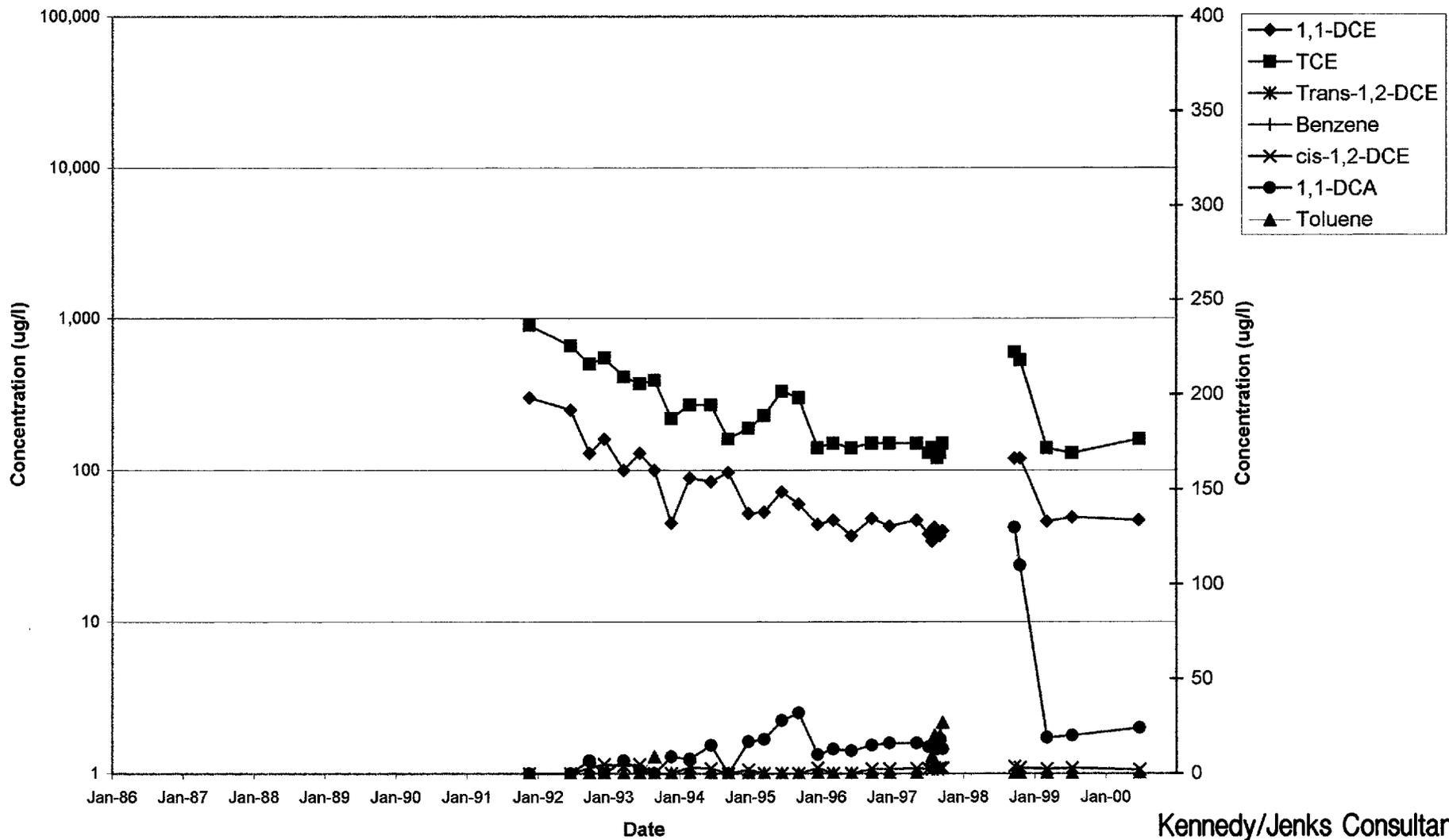
Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-11S

October 2000
K/J 004020.00
Figure 4-17

K:\boeing\c-13\facility\figure4-17.dwg

K:\boeing\c-14facility\figure4-18.dwg



004020.00-003 WCC-12S VOCs

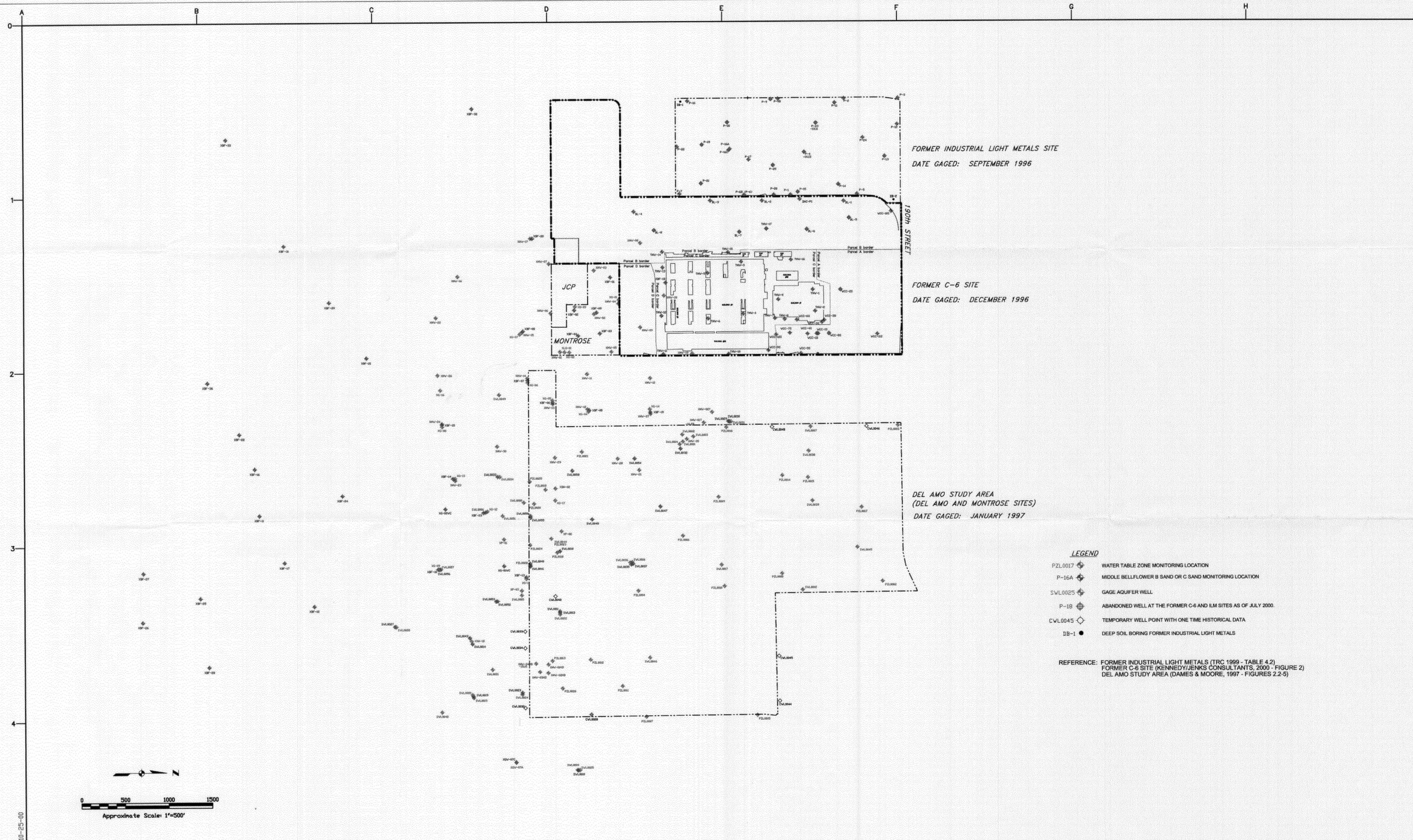
Kennedy/Jenks Consultants

Boeing Realty Corporation
Former C-6 Facility

Time-Series Graph of VOCs
at WCC-12S

October 2000
K/J 004020.00

Figure 4-18



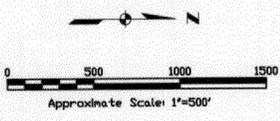
FORMER INDUSTRIAL LIGHT METALS SITE
DATE GAGED: SEPTEMBER 1996

FORMER C-6 SITE
DATE GAGED: DECEMBER 1996

DEL AMO STUDY AREA
(DEL AMO AND MONTROSE SITES)
DATE GAGED: JANUARY 1997

- LEGEND**
- PZL0017 WATER TABLE ZONE MONITORING LOCATION
 - P-16A MIDDLE BELLFLOWER B SAND OR C SAND MONITORING LOCATION
 - SWL0025 GAGE AQUIFER WELL
 - P-18 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
 - CWL0045 TEMPORARY WELL POINT WITH ONE TIME HISTORICAL DATA
 - DB-1 DEEP SOIL BORING FORMER INDUSTRIAL LIGHT METALS

REFERENCE: FORMER INDUSTRIAL LIGHT METALS (TRC 1999 - TABLE 4.2)
FORMER C-6 SITE (KENNEDY/JENKS CONSULTANTS, 2000 - FIGURE 2)
DEL AMO STUDY AREA (DAMES & MOORE, 1997 - FIGURES 2.2-5)



K:\BOEING\WDR\GE-WELMAP 10-25-00

USE OF DOCUMENTS			
THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.			
NO.	REVISION	DATE	BY

SCALES			
0 1"			
0 25mm			
IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.			

DESIGNED	PM
DRAWN	MR
CHECKED	PM

**BOEING REALTY CORPORATION
FORMER C-6 FACILITY
GROUNDWATER STATUS REPORT**

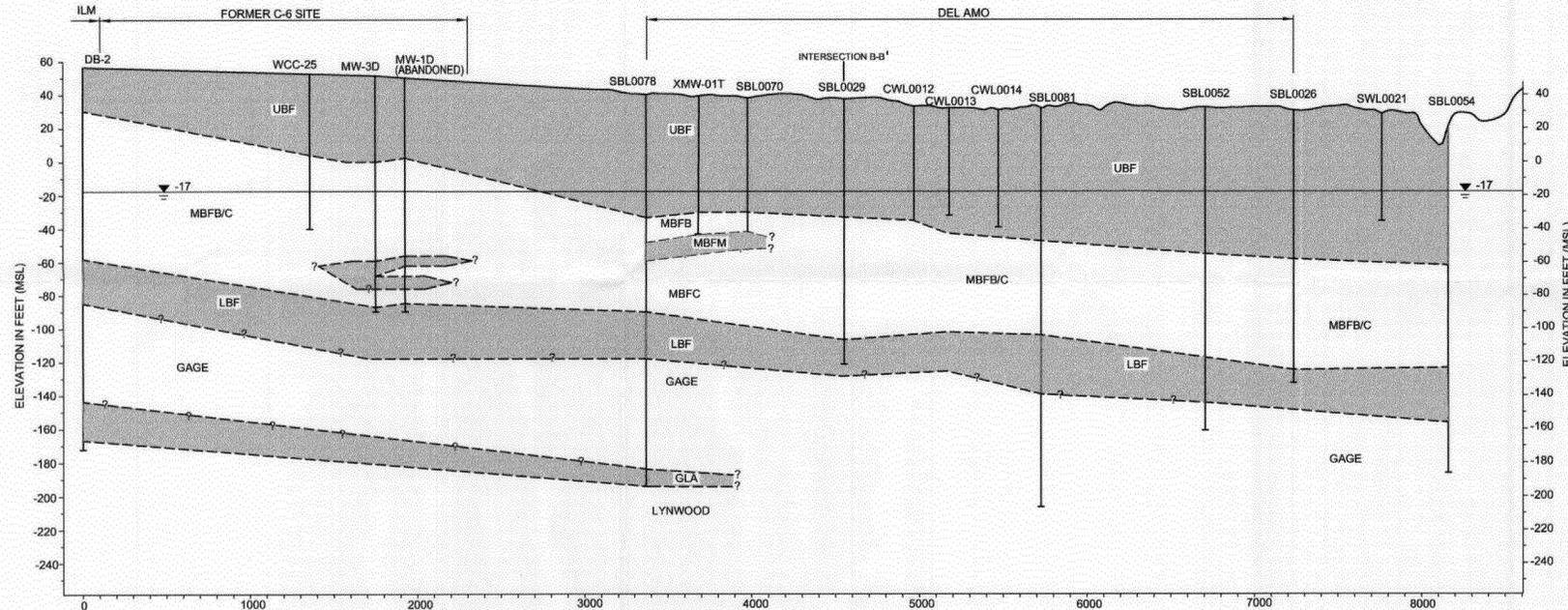
Kennedy/Jenks Consultants
2151 Michelson Drive, Suite 100, Irvine, California 92612

WELL LOCATION MAP

FILE NAME	GE-WELMAP
JOB NO.	004020.00
DATE	October 2000
SHEET	1 OF 12

NORTHWEST
AA

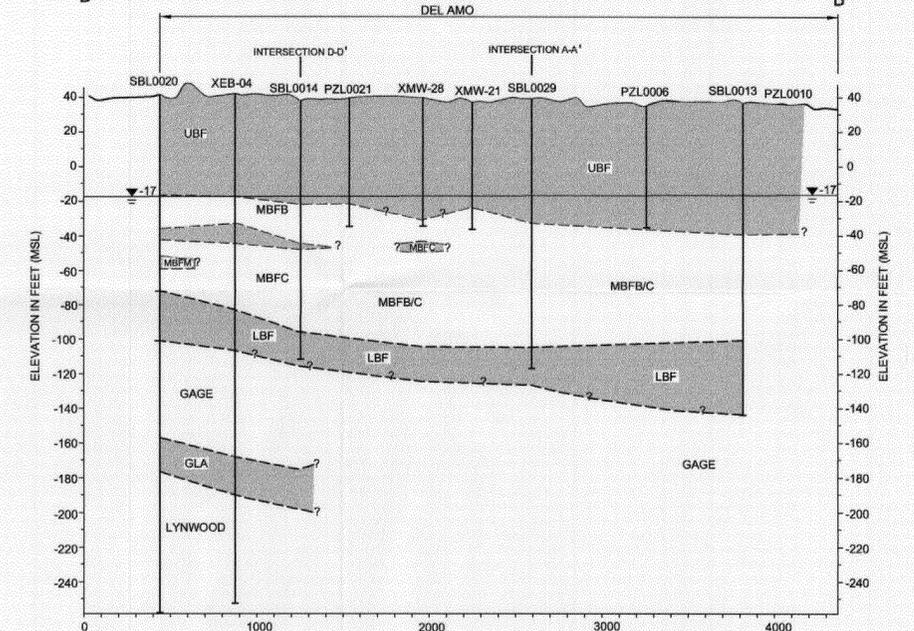
SOUTHEAST
A'



CROSS SECTION AA-A'

SOUTHWEST
B

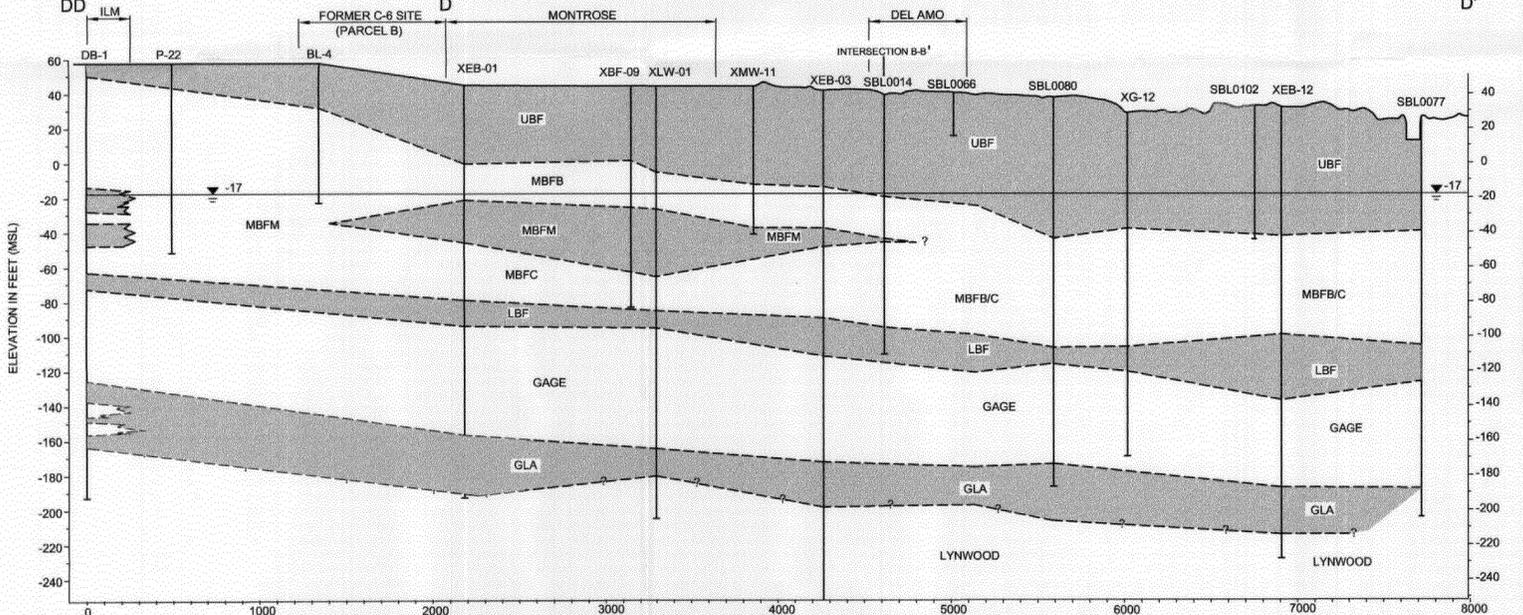
NORTHEAST
B'



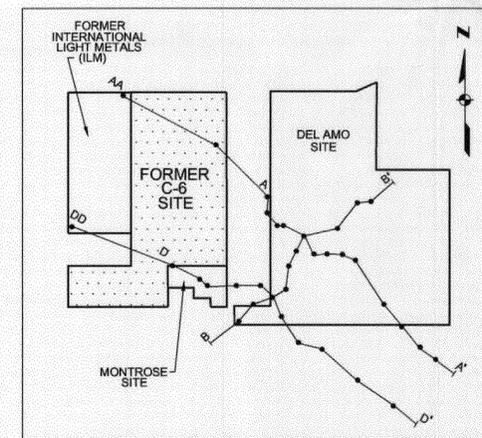
CROSS SECTION B-B'

NORTHWEST
DD

SOUTHEAST
D'



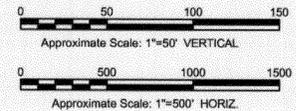
CROSS SECTION DD-D'



CROSS SECTION INDEX MAP
SCALE: 1"=1600'

NOTE:
THESE HYDROSTRATIGRAPHIC CROSS SECTIONS ARE MODIFIED FROM PLATES 3-1, 3-2 AND 3-3 IN DAMES AND MOORE (1998). BOREHOLE DATA USED TO EXTEND CROSS SECTIONS A-A' AND B-B' BENEATH FORMER C-6 AND FORMER INDUSTRIAL LIGHT METALS SITES WERE OBTAINED FROM INTEGRATED (2000) AND TRC (1999).

- LEGEND**
- MW-3D BOREHOLE OR MONITORING WELL LOCATION AND NAME
 - [Shaded Box] PREDOMINANTLY FINE GRAINED AQUITARD STRATA
 - [White Box] PREDOMINANTLY COARSE GRAINED AQUITARD/AQUIFER STRATA
 - [Dashed Line] BOTTOM OF BOREHOLE/MONITORING WELL
 - [Dashed Line with ?] INTERPRETED HYDROSTRATIGRAPHIC UNIT BOUNDARY
 - UBF UPPER BELLFLOWER AQUITARD
 - MBFB MIDDLE BELLFLOWER AQUITARD B-SAND
 - MBFM MIDDLE BELLFLOWER AQUITARD MUD
 - MBFC MIDDLE BELLFLOWER AQUITARD C-SAND
 - LBF LOWER BELLFLOWER AQUITARD
 - GAGE GAGE AQUIFER
 - GLA GAGE-LYNWOOD AQUITARD
 - LYNWOOD LYNWOOD AQUIFER



USE OF DOCUMENTS
THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.

NO.	REVISION	DATE	BY

SCALES
0 1" 25mm
IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.

DESIGNED
PM
DRAWN
BXB
CHECKED
PM

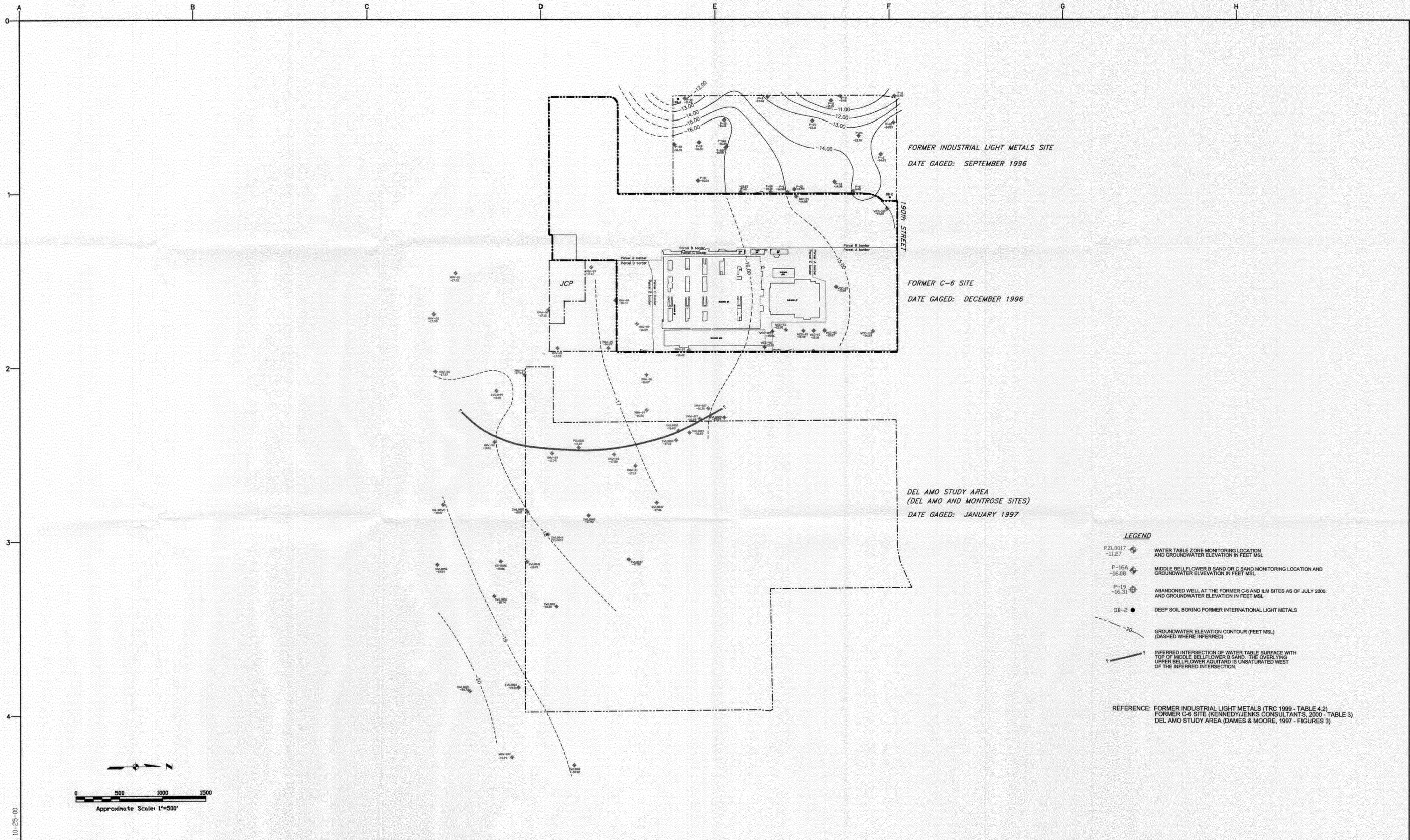
BOEING REALTY CORPORATION
FORMER C-6 FACILITY
GROUNDWATER STATUS REPORT

Kennedy/Jenks Consultants
2151 Michelson Drive, Suite 100, Irvine, California 92612

CROSS SECTIONS AA-A-A', B-B & DD-D-D'
FORMER C-6 SITE, INTERNATIONAL LIGHT METALS
DEL AMO STUDY AREA AND VICINITY

FILE NAME
CROSSECT-01
JOB NO.
004020.00
DATE
October 2000
SHEET
2 OF
12

K:\MDCR C-6\CROSSECT-01.dwg, 10-24-00



USE OF DOCUMENTS
 THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.

NO.	REVISION	DATE	BY

SCALES
 0 1" 25mm
 0 500 1000 1500
 APPROXIMATE SCALE: 1"=500'
 IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.

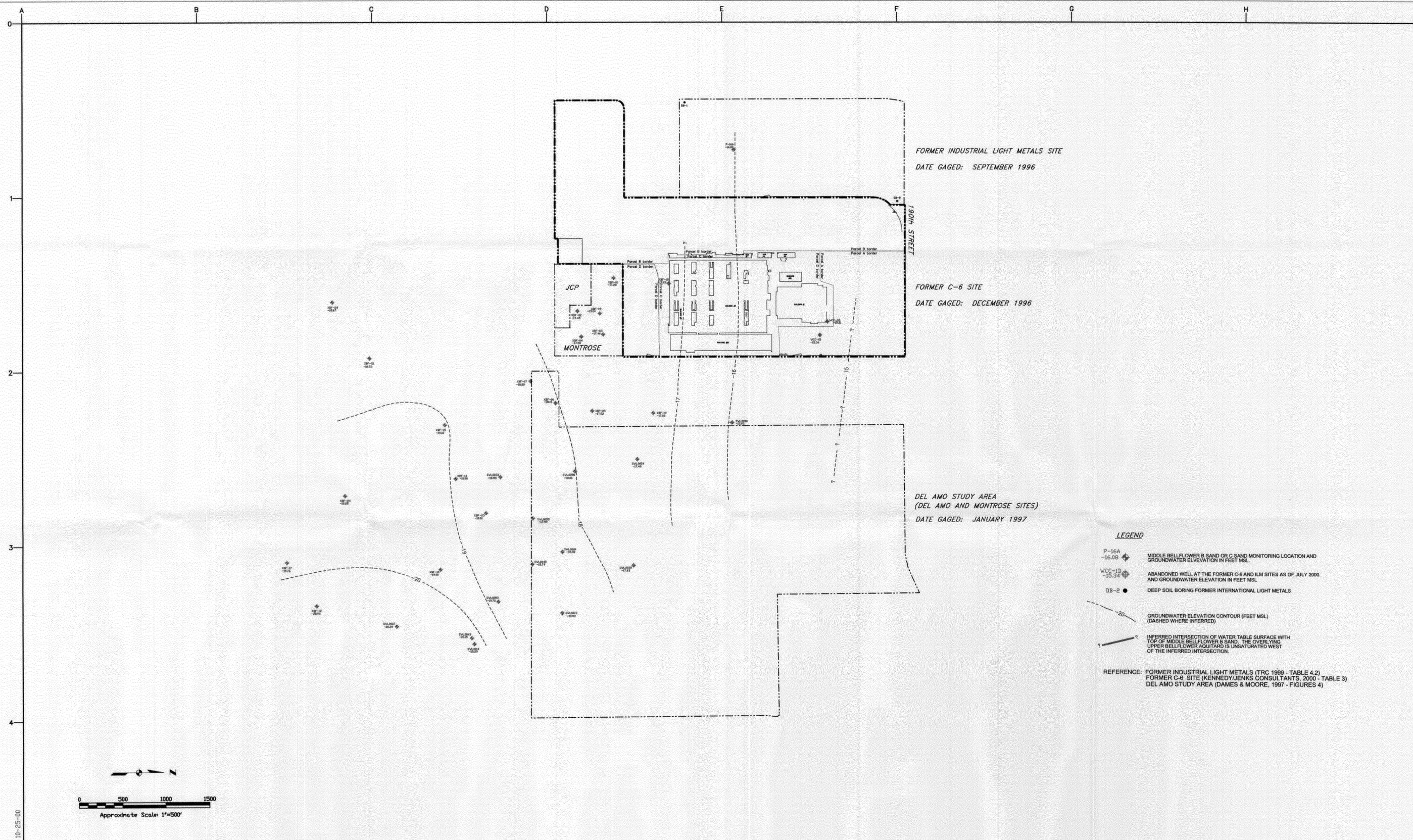
DESIGNED: PM
 DRAWN: RM
 CHECKED: PM

BOEING REALTY CORPORATION
FORMER C-6 FACILITY
GROUNDWATER STATUS REPORT
 Kennedy/Jenks Consultants
 2151 Michelson Drive, Suite 100, Irvine, California 92612

GROUNDWATER ELEVATIONS
MIDDLE BELLFLOWER SAND-B
LATE 1996 - EARLY 1997

FILE NAME	GE-BELL-B
JOB NO.	004020.00
DATE	October 2000
SHEET	4
OF	12

K:\MIDRC C-6\GE-BELL-B.dwg, 10-25-00



FORMER INDUSTRIAL LIGHT METALS SITE
DATE GAGED: SEPTEMBER 1996

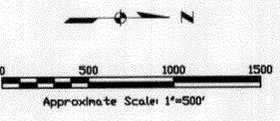
FORMER C-6 SITE
DATE GAGED: DECEMBER 1996

DEL AMO STUDY AREA
(DEL AMO AND MONTROSE SITES)
DATE GAGED: JANUARY 1997

LEGEND

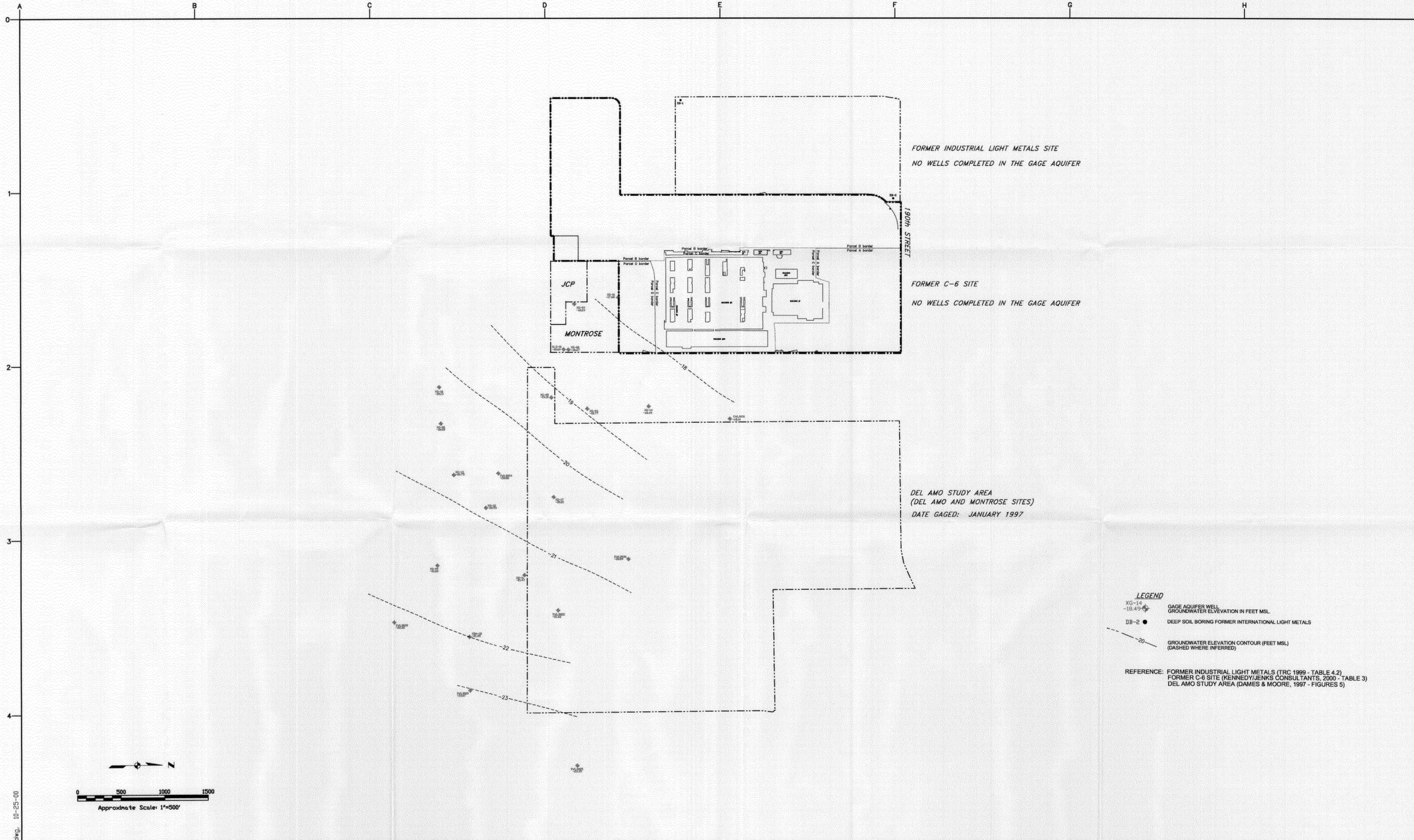
- P-16A
-16.08 MIDDLE BELFLOWER B SAND OR C SAND MONITORING LOCATION AND GROUNDWATER ELEVATION IN FEET MSL.
- WCC-1D
-15.34 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000. AND GROUNDWATER ELEVATION IN FEET MSL.
- DB-2 DEEP SOIL BORING FORMER INTERNATIONAL LIGHT METALS
- GROUNDWATER ELEVATION CONTOUR (FEET MSL)
(DASHED WHERE INFERRED)
- INFERRED INTERSECTION OF WATER TABLE SURFACE WITH TOP OF MIDDLE BELFLOWER B SAND. THE OVERLYING UPPER BELFLOWER AQUIFARD IS UNSATURATED WEST OF THE INFERRED INTERSECTION.

REFERENCE: FORMER INDUSTRIAL LIGHT METALS (TRC 1989 - TABLE 4.2)
FORMER C-6 SITE (KENNEDY/JENKS CONSULTANTS, 2000 - TABLE 3)
DEL AMO STUDY AREA (DAMES & MOORE, 1997 - FIGURES 4)



K:\MIDRC_C-6\GE-BELL-C.dwg, 10-25-00

<p>USE OF DOCUMENTS</p> <p>THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.</p>				<p>SCALES</p> <p>0 ————— 1" 0 ————— 25mm</p> <p>IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.</p>	<p>DESIGNED PM</p> <p>DRAWN MR</p> <p>CHECKED PM</p>	<p>BOEING REALTY CORPORATION FORMER C-6 FACILITY GROUNDWATER STATUS REPORT</p> <p>Kennedy/Jenks Consultants 2151 Michelson Drive, Suite 100, Irvine, California 92612</p>	<p>GROUNDWATER ELEVATIONS MIDDLE BELFLOWER SAND-C LATE 1996 - EARLY 1997</p>	<p>FILE NAME GE-BELL-C</p>
								<p>JOB NO. 004020.00</p>
								<p>DATE October 2000</p>
								<p>SHEET OF 5 OF 12</p>
NO.	REVISION	DATE	BY					



FORMER INDUSTRIAL LIGHT METALS SITE
NO WELLS COMPLETED IN THE GAGE AQUIFER

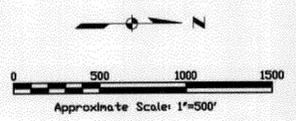
FORMER C-6 SITE
NO WELLS COMPLETED IN THE GAGE AQUIFER

DEL AMO STUDY AREA
(DEL AMO AND MONTROSE SITES)
DATE GAGED: JANUARY 1997

LEGEND

- XG-14
-18.49 GAGE AQUIFER WELL
GROUNDWATER ELEVATION IN FEET MSL.
- DB-2 DEEP SOIL BORING FORMER INTERNATIONAL LIGHT METALS
- 20 GROUNDWATER ELEVATION CONTOUR (FEET MSL)
(DASHED WHERE INFERRED)

REFERENCE: FORMER INDUSTRIAL LIGHT METALS (TRC 1999 - TABLE 4.2)
FORMER C-6 SITE (KENNEDY/JENKS CONSULTANTS, 2000 - TABLE 3)
DEL AMO STUDY AREA (DAMES & MOORE, 1997 - FIGURES 5)



K:\VDR\ C-6\GE-GAGE-AQFR.dwg, 10-25-00

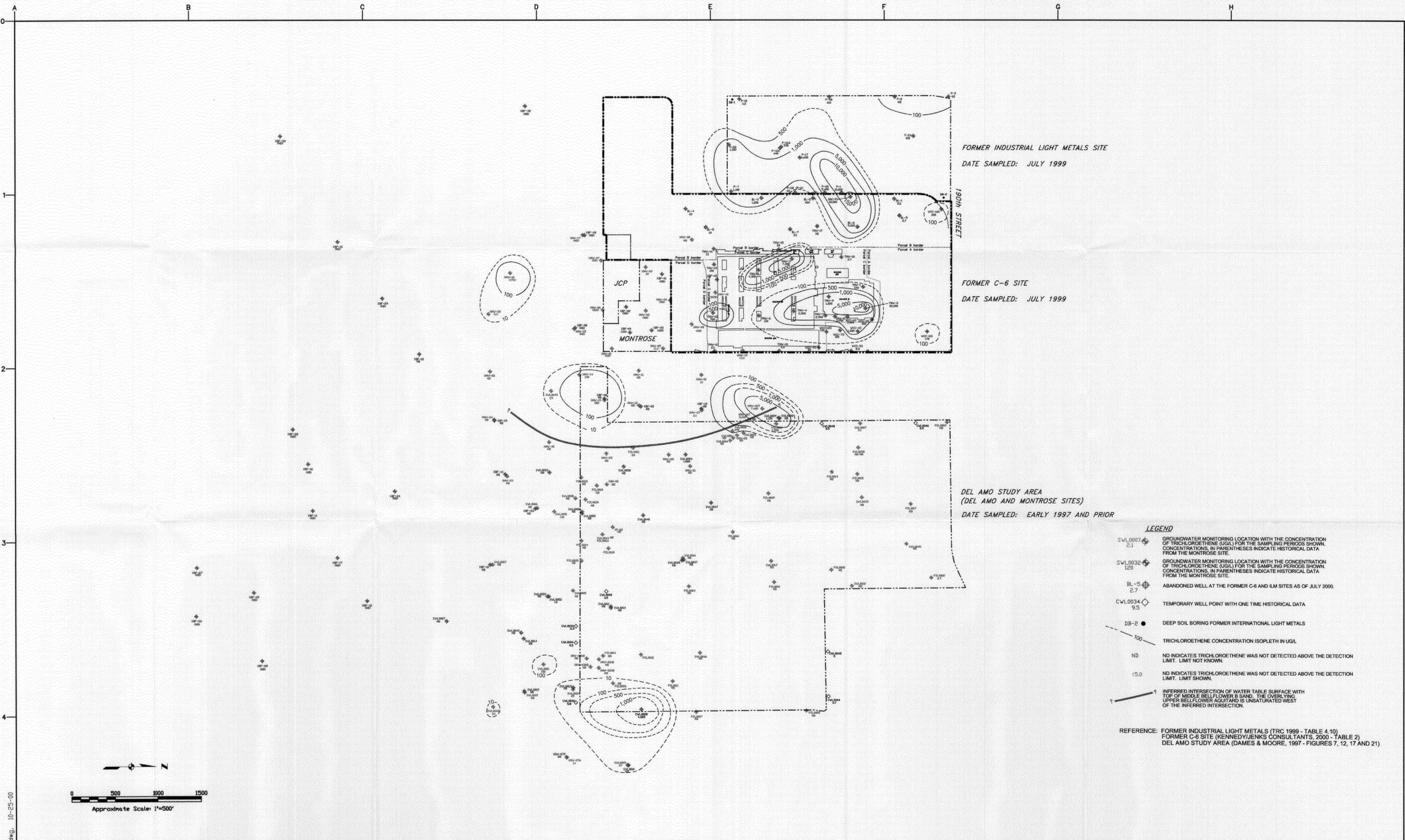
<p>USE OF DOCUMENTS</p> <p>THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.</p>						<p>BOEING REALTY CORPORATION FORMER C-6 FACILITY GROUNDWATER STATUS REPORT</p> <p>Kennedy/Jenks Consultants 2151 Michelson Drive, Suite 100, Irvine, California 92612</p>	<p>GROUNDWATER ELEVATIONS GAGE AQUIFER LATE 1996 - EARLY 1997</p>	FILE NAME	GE-GAGE-AQFR		
								JOB NO.	004020.00	DATE	October 2000
	NO.	REVISION	DATE	BY	DESIGNED			PM	DRAWN	MR	CHECKED

SCALES

0 1" = 500'

0 25mm

IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.



FORMER INDUSTRIAL LIGHT METALS SITE
DATE SAMPLED: JULY 1999

FORMER C-6 SITE
DATE SAMPLED: JULY 1999

DEL AMO STUDY AREA
(DEL AMO AND MONTROSE SITES)
DATE SAMPLED: EARLY 1997 AND PRIOR

LEGEND

- SWL0007 2.1 (100) GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TRICHLOROETHENE (UGL) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- SWL0032 12.0 (100) GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TRICHLOROETHENE (UGL) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- BL-5 2.7 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
- CWL0034 9.5 TEMPORARY WELL POINT WITH ONE TIME HISTORICAL DATA
- DB-2 DEEP SOIL BORING FORMER INTERNATIONAL LIGHT METALS
- 100 TRICHLOROETHENE CONCENTRATION ISOPLETH IN UGL
- ND ND INDICATES TRICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
- <5.0 ND INDICATES TRICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.
- ? INFERRED INTERSECTION OF WATER TABLE SURFACE WITH TOP OF MIDDLE BELLFLOWER SAND. THE OVERLYING UPPER BELFLOWER AQUIFARD IS UNSATURATED WEST OF THE INFERRED INTERSECTION.

REFERENCE: FORMER INDUSTRIAL LIGHT METALS (TRC 1999 - TABLE 4.10)
FORMER C-6 SITE (KENNEDY/JENKS CONSULTANTS, 2000 - TABLE 2)
DEL AMO STUDY AREA (DAMES & MOORE, 1997 - FIGURES 7, 12, 17 AND 21)

K:\MIDEC_C-6\GE-TCE-MBB-C.dwg, 10-25-00

USE OF DOCUMENTS
THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.

NO.	REVISION	DATE	BY

SCALES
0 1" / 0 25mm
IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.

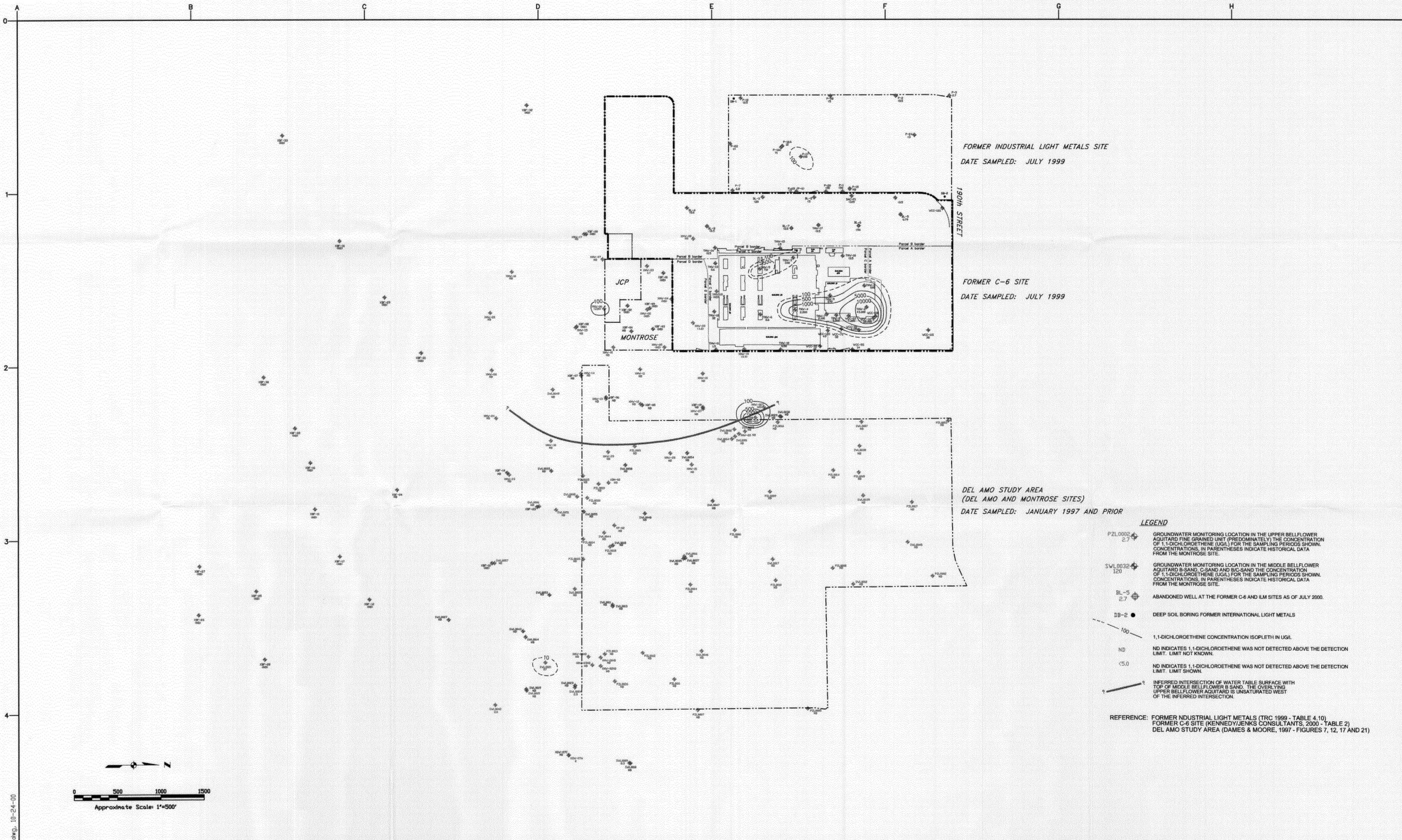
DESIGNED
PM
DRAWN
MR
CHECKED
PM

BOEING REALTY CORPORATION
FORMER C-6 FACILITY
GROUNDWATER STATUS REPORT

Kennedy/Jenks Consultants
2151 Michelson Drive, Suite 100, Irvine, California 92612

TRICHLOROETHENE IN GROUNDWATER
COMPOSITE MAP
SHALLOW GROUNDWATER SYSTEM

FILE NAME: **GE-TCE-MMB-C**
JOB NO.: **004020.00**
DATE: **October 2000**
SHEET **7** OF **12**



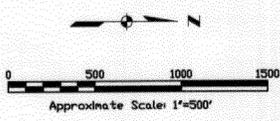
FORMER INDUSTRIAL LIGHT METALS SITE
DATE SAMPLED: JULY 1999

FORMER C-6 SITE
DATE SAMPLED: JULY 1999

DEL AMO STUDY AREA
(DEL AMO AND MONTROSE SITES)
DATE SAMPLED: JANUARY 1997 AND PRIOR

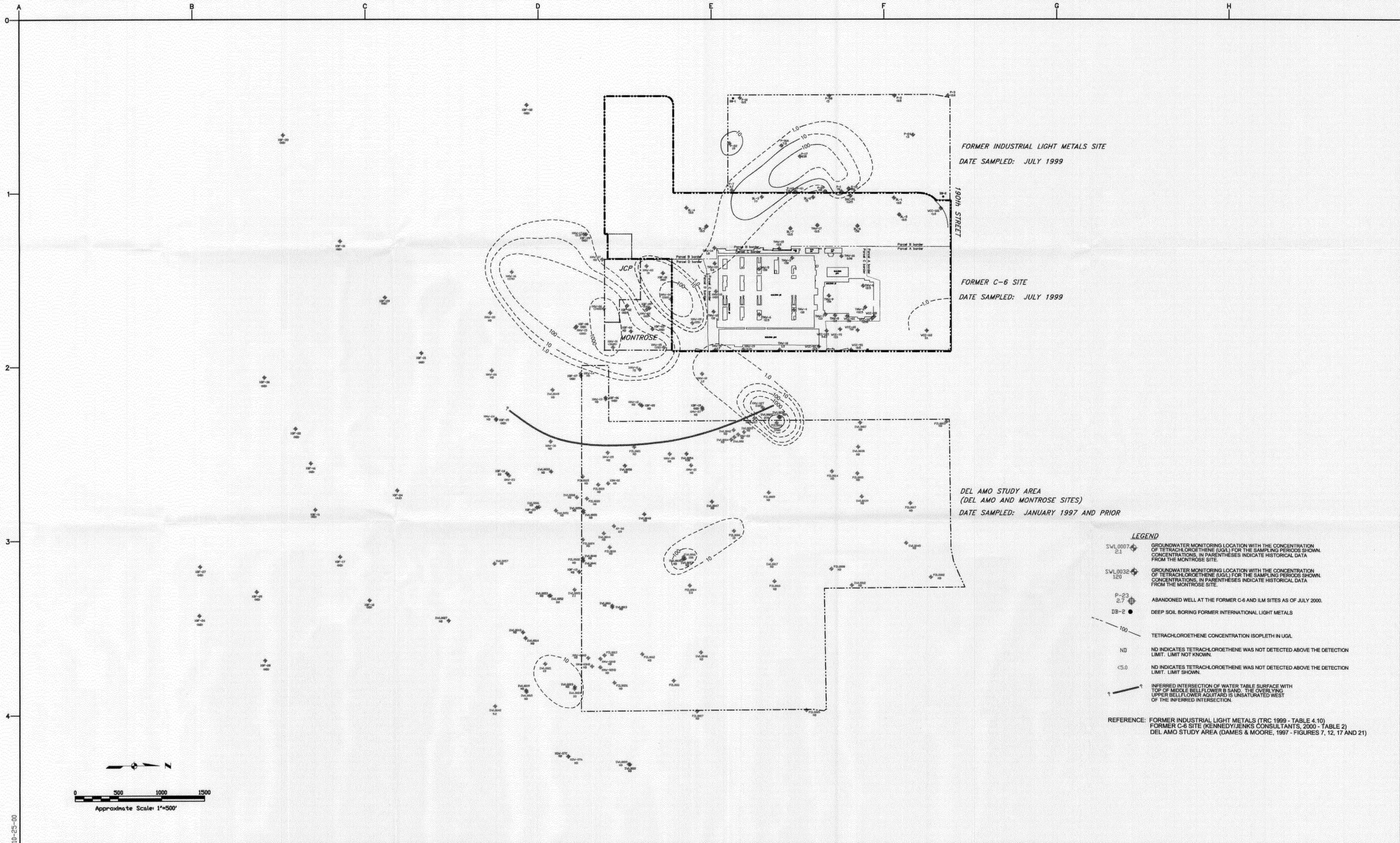
- LEGEND**
- PZL0002
2.7 GROUNDWATER MONITORING LOCATION IN THE UPPER BELFLOWER AQUITARD FINE GRAINED UNIT (PREDOMINATELY) THE CONCENTRATION OF 1,1-DICHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
 - SWL0032
120 GROUNDWATER MONITORING LOCATION IN THE MIDDLE BELFLOWER AQUITARD B-SAND, C-SAND AND B/C-SAND THE CONCENTRATION OF 1,1-DICHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
 - BL-5
2.7 ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
 - DB-2 ● DEEP SOIL BORING FORMER INTERNATIONAL LIGHT METALS
 - 100 1,1-DICHLOROETHENE CONCENTRATION ISOPLETH IN UG/L.
 - ND ND INDICATES 1,1-DICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
 - <5.0 ND INDICATES 1,1-DICHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.
 - INFERRED INTERSECTION OF WATER TABLE SURFACE WITH TOP OF MIDDLE BELFLOWER B SAND. THE OVERLYING UPPER BELFLOWER AQUITARD IS UNSATURATED WEST OF THE INFERRED INTERSECTION.

REFERENCE: FORMER INDUSTRIAL LIGHT METALS (TRC 1989 - TABLE 4.10)
FORMER C-6 SITE (KENNEDY/JENKS CONSULTANTS, 2000 - TABLE 2)
DEL AMO STUDY AREA (DAMES & MOORE, 1997 - FIGURES 7, 12, 17 AND 21)



K:\MIRRC C-6\GE-DCE-MBB-C.dwg, 10-24-00

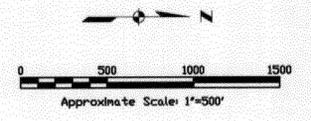
<p>USE OF DOCUMENTS</p> <p>THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.</p>	<p>SCALES</p> <p>0 1" = 500'</p> <p>0 25mm</p> <p>IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.</p>		<p>DESIGNED PM</p>	<p>BOEING REALTY CORPORATION FORMER C-6 FACILITY GROUNDWATER STATUS REPORT</p>	<p>1,1-DICHLOROETHENE IN GROUNDWATER COMPOSITE MAP SHALLOW GROUNDWATER SYSTEM</p>	<p>FILE NAME GE-DCE-MBB-C</p>
	<p>NO. REVISION DATE BY</p>		<p>DRAWN MR</p>			<p>JOB NO. 004020.00</p>
				<p>CHECKED PM</p>	<p>DATE October 2000</p>	<p>SHEET 8</p>
				<p>Kennedy/Jenks Consultants 2151 Michelson Drive, Suite 100, Irvine, California 92612</p>	<p>OF 12</p>	



LEGEND

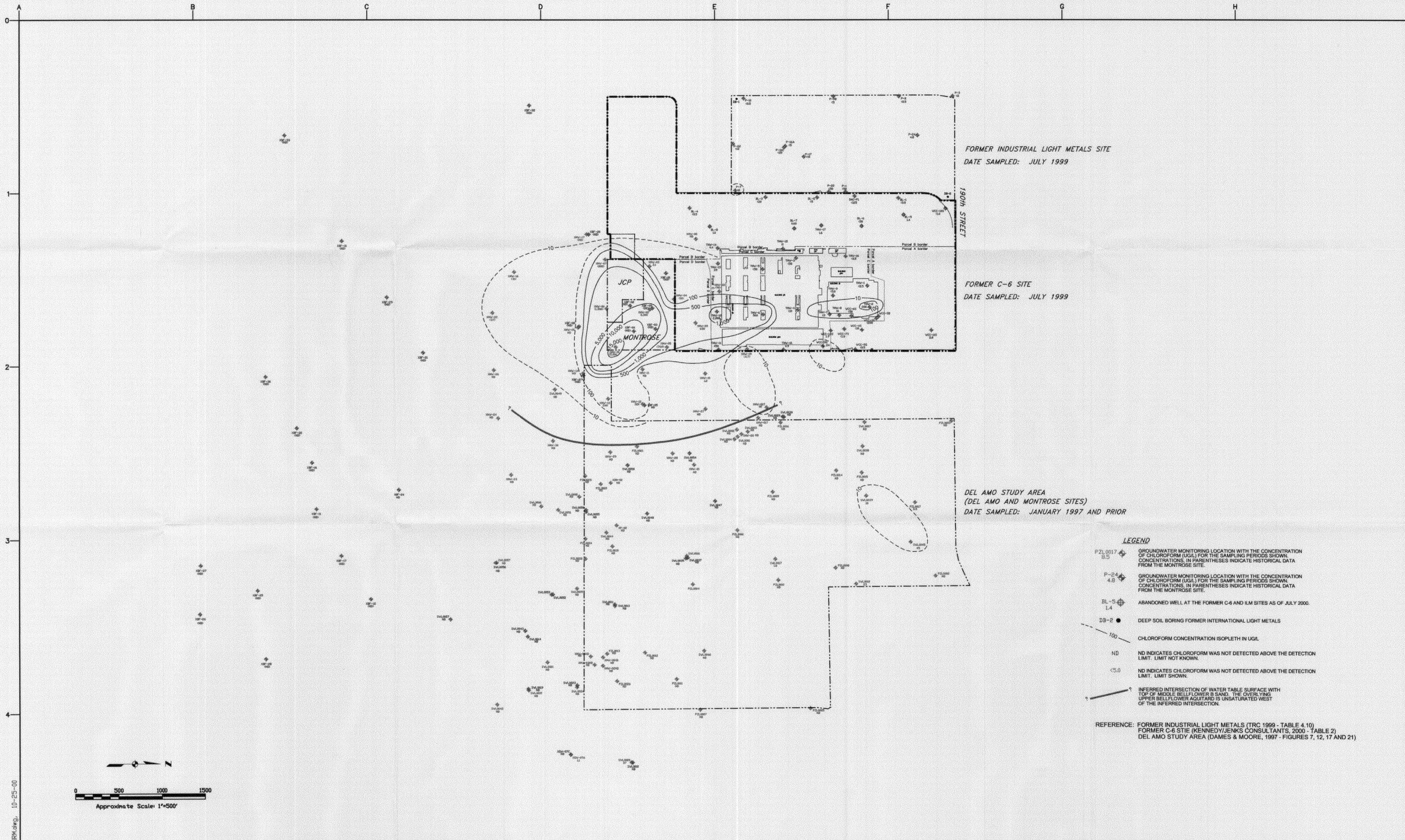
- SWL0007 2.1: GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TETRACHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- SWL0032 120: GROUNDWATER MONITORING LOCATION WITH THE CONCENTRATION OF TETRACHLOROETHENE (UG/L) FOR THE SAMPLING PERIODS SHOWN. CONCENTRATIONS, IN PARENTHESES INDICATE HISTORICAL DATA FROM THE MONTROSE SITE.
- P-23 2.7: ABANDONED WELL AT THE FORMER C-6 AND ILM SITES AS OF JULY 2000.
- DB-2: DEEP SOIL BORING FORMER INTERNATIONAL LIGHT METALS
- 100: TETRACHLOROETHENE CONCENTRATION ISOPLETH IN UGL.
- ND: ND INDICATES TETRACHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT NOT KNOWN.
- <5.0: ND INDICATES TETRACHLOROETHENE WAS NOT DETECTED ABOVE THE DETECTION LIMIT. LIMIT SHOWN.
- ?: INFERRED INTERSECTION OF WATER TABLE SURFACE WITH TOP OF MIDDLE BELLFLOWER B SAND. THE OVERLYING UPPER BELLFLOWER AQUITARD IS UNSATURATED WEST OF THE INFERRED INTERSECTION.

REFERENCE: FORMER INDUSTRIAL LIGHT METALS (TRC 1999 - TABLE 4.10)
 FORMER C-6 SITE (KENNEDY/JENKS CONSULTANTS, 2000 - TABLE 2)
 DEL AMO STUDY AREA (DAMES & MOORE, 1997 - FIGURES 7, 12, 17 AND 21)



K:\MTRC_C-6\GE-PCE.dwg 10-25-00

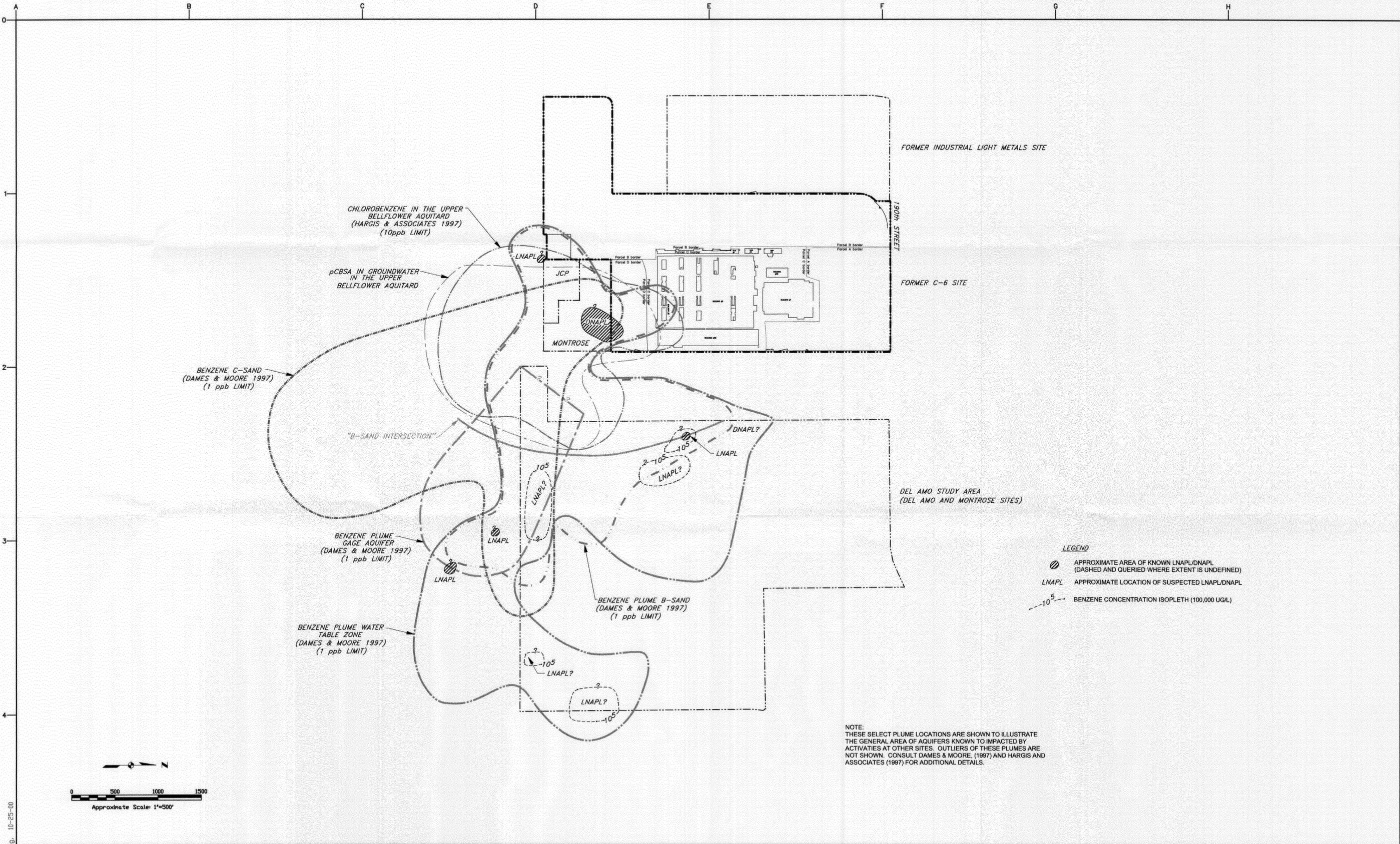
USE OF DOCUMENTS THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.	<table border="1"> <tr> <th>NO.</th> <th>REVISION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				NO.	REVISION	DATE	BY					SCALES 0 1" = 500' 0 25mm = 1"	DESIGNED: PM DRAWN: MR CHECKED: PM	BOEING REALTY CORPORATION FORMER C-6 FACILITY GROUNDWATER STATUS REPORT Kennedy/Jenks Consultants 2151 Michelson Drive, Suite 100, Irvine, California 92612	TETRACHLOROETHENE IN GROUNDWATER COMPOSITE MAP SHALLOW GROUNDWATER SYSTEM	FILE NAME: GE-PCE JOB NO.: 004020.00 DATE: October 2000 SHEET: 9 OF 12
	NO.	REVISION	DATE	BY													
APPROXIMATE SCALE: 1"=500'																	



K:\Boeing\WTRC C-6\GE-CF\DRK\dwg_10-25-00

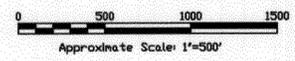
Approximate Scale: 1"=500'

USE OF DOCUMENTS THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.	SCALES 0 1" 1500' 0 25mm IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.				DESIGNED PM	BOEING REALTY CORPORATION FORMER C-6 FACILITY GROUNDWATER STATUS REPORT Kennedy/Jenks Consultants 2151 Michelson Drive, Suite 100, Irvine, California 92612	CHLOROFORM IN GROUNDWATER COMPOSITE MAP SHALLOW GROUNDWATER SYSTEM	FILE NAME GE-CFORM
	NO. REVISION DATE BY	DRAWN MR	CHECKED PM	JOB NO. 004020.00				
							DATE October 2000	SHEET OF 10 12



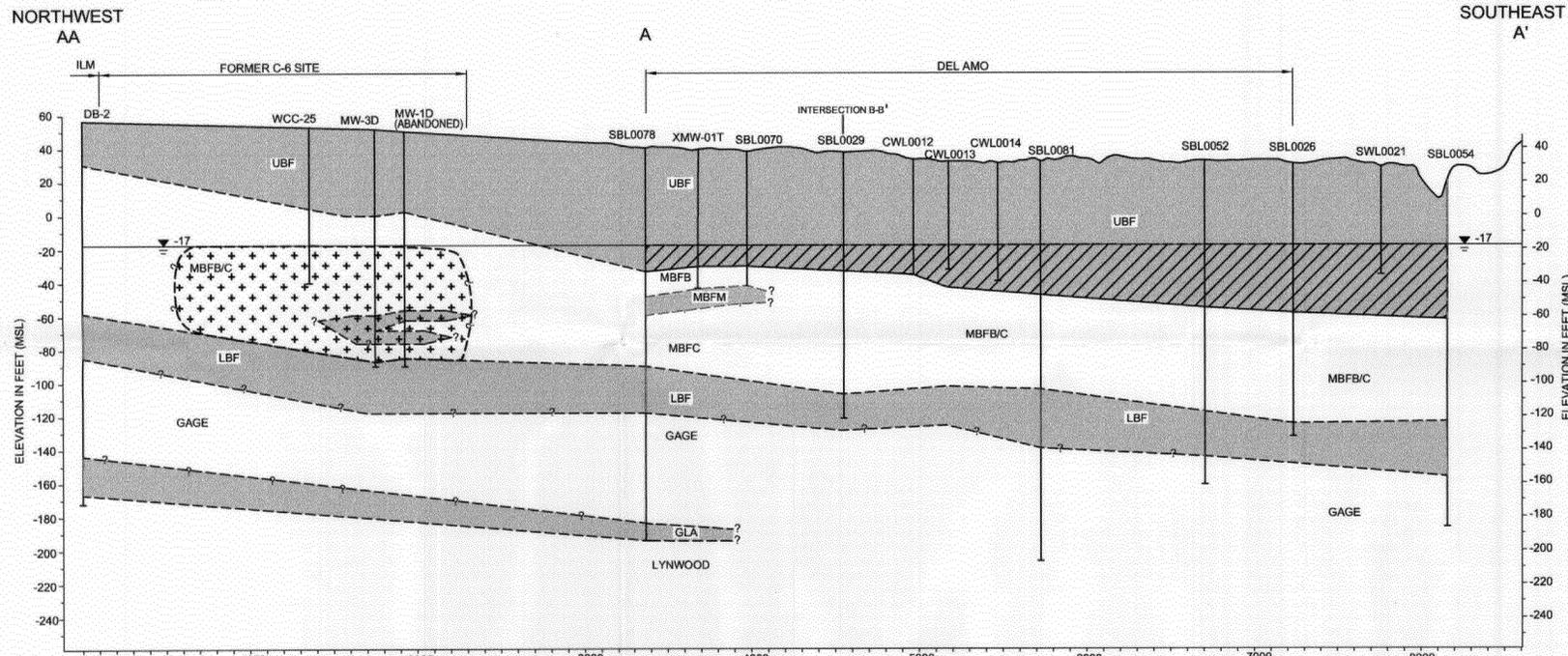
NOTE:
 THESE SELECT PLUME LOCATIONS ARE SHOWN TO ILLUSTRATE THE GENERAL AREA OF AQUIFERS KNOWN TO IMPACTED BY ACTIVITIES AT OTHER SITES. OUTLIERS OF THESE PLUMES ARE NOT SHOWN. CONSULT DAMES & MOORE, (1997) AND HARGIS AND ASSOCIATES (1997) FOR ADDITIONAL DETAILS.

LEGEND
 APPROXIMATE AREA OF KNOWN LNAPL/DNAPL (DASHED AND QUERIED WHERE EXTENT IS UNDEFINED)
 APPROXIMATE LOCATION OF SUSPECTED LNAPL/DNAPL
 BENZENE CONCENTRATION ISOPLETH (100,000 UGL)

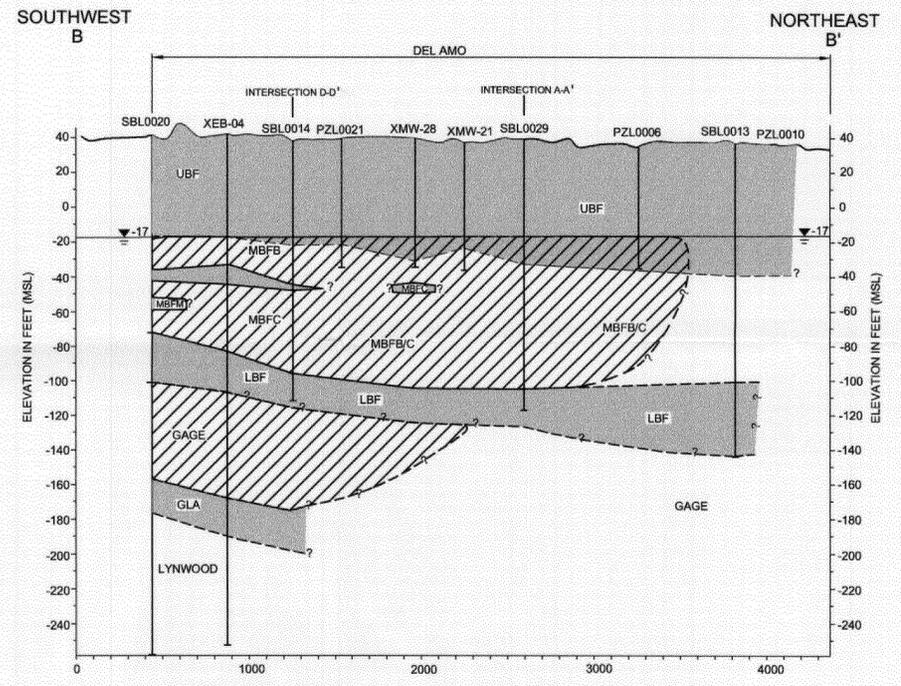


K:\MIDRC_C-6\AGE-PLUMES.dwg, 10-25-00

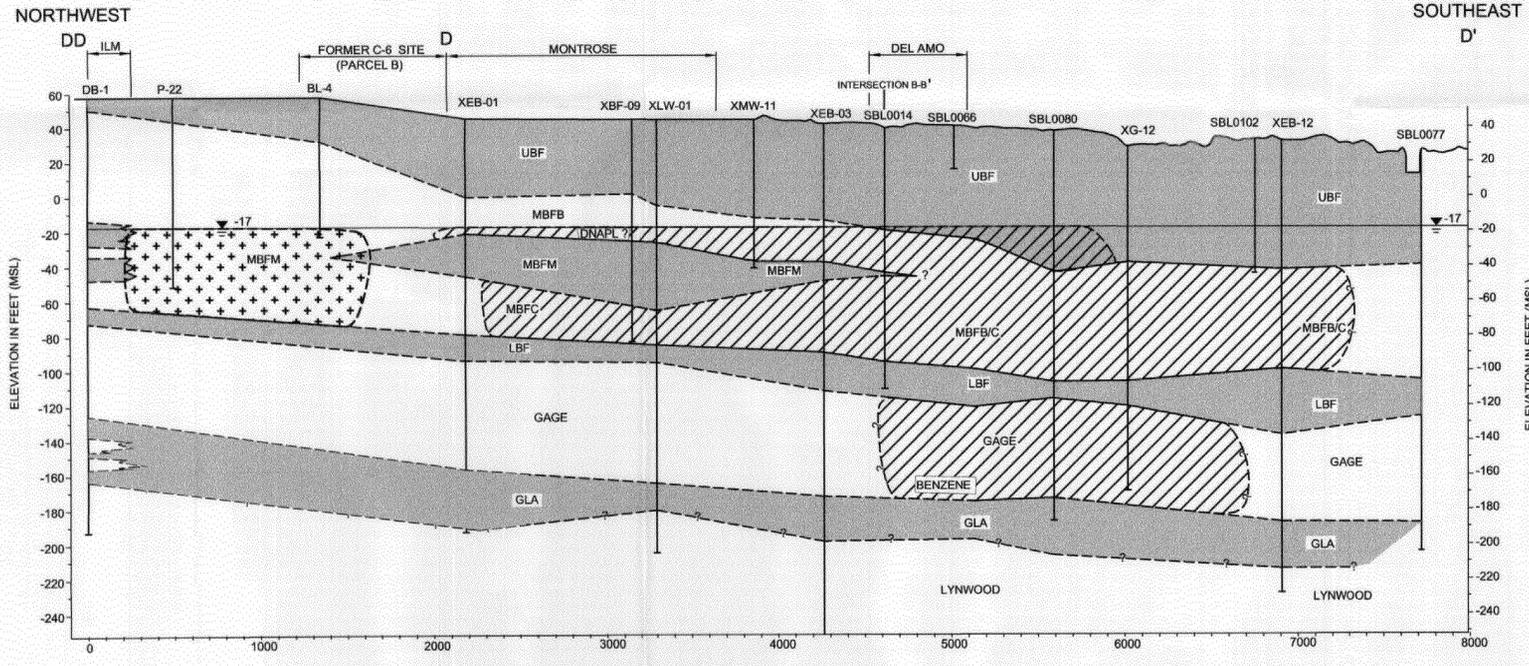
USE OF DOCUMENTS THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.					DESIGNED PM DRAWN BxB CHECKED PM	BOEING REALTY CORPORATION FORMER C-6 FACILITY GROUNDWATER STATUS REPORT Kennedy/Jenks Consultants <small>2151 Michelson Drive, Suite 100, Irvine, California 92612</small>	PRIMARY LOCATIONS OF SELECTED VOC PLUMES IN THE VICINITY OF BOEING C-6	FILE NAME GE-PLUMES
								JOB NO. 004020.00
NO.	REVISION	DATE	BY	SCALES				OF 12



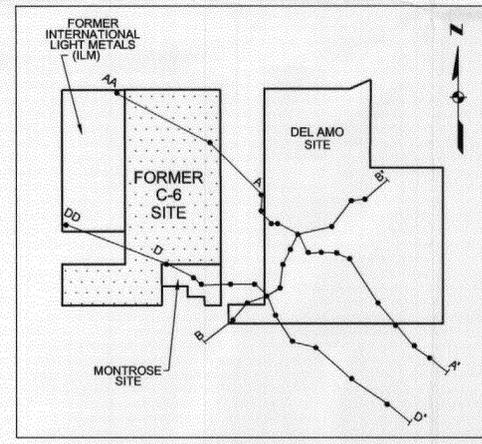
CROSS SECTION AA-A'



CROSS SECTION B-B'



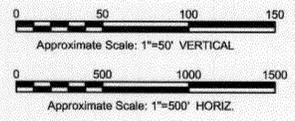
CROSS SECTION DD-D'



CROSS SECTION INDEX MAP
SCALE: 1"=1600'

NOTE:
THESE HYDROSTRATIGRAPHIC CROSS SECTIONS ARE MODIFIED FROM PLATES 3-1, 3-2 AND 3-3 IN DAMES AND MOORE (1998). BOREHOLE DATA USED TO EXTEND CROSS SECTIONS A-A' AND B-B' BENEATH FORMER C-6 AND FORMER INDUSTRIAL LIGHT METALS SITES WERE OBTAINED FROM INTEGRATED (2000) AND TRC (1999).

- LEGEND**
- MW-3D BOREHOLE OR MONITORING WELL LOCATION AND NAME
 - [Solid Gray Box] PREDOMINANTLY FINE GRAINED AQUITARD STRATA
 - [White Box] PREDOMINANTLY COARSE GRAINED AQUITARD/AQUIFER STRATA
 - [Dashed Line] BOTTOM OF BOREHOLE/MONITORING WELL
 - [Dashed Line with ?] INTERPRETED HYDROSTRATIGRAPHIC UNIT BOUNDARY
 - [Diagonal Lines /] UBF UPPER BELLFLOWER AQUITARD
 - [Diagonal Lines \] MBFB MIDDLE BELLFLOWER AQUITARD B-SAND
 - [Diagonal Lines -] MBFM MIDDLE BELLFLOWER AQUITARD MUD
 - [Diagonal Lines .] MBFC MIDDLE BELLFLOWER AQUITARD C-SAND
 - [Diagonal Lines ~] LBF LOWER BELLFLOWER AQUITARD
 - [Stippled Box] GAGE GAGE AQUIFER
 - [Horizontal Lines] GLA GAGE-LYNWOOD AQUITARD
 - [Vertical Lines] LYWOOD LYWOOD AQUIFER
 - [Stippled Box with +] ESTIMATED EXTENT OF AQUIFER IMPACTED BY PRIMARY CONTAMINANTS FROM FORMER C-6 AND ILM SITES. ALL LIMITS ARE QUESTIONABLE.
 - [Diagonal Lines /] ESTIMATED EXTENT OF AQUIFER IMPACTED BY PRIMARY CONTAMINANTS FROM MONTROSE AND DEL AMO SITES. ALL LIMITS ARE QUESTIONABLE.



K:\MDC C-6\CROSSSECT-02.dwg, 10-25-00

USE OF DOCUMENTS
THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.

NO.	REVISION	DATE	BY

SCALES
0 1"
0 25mm
IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.

DESIGNED
PM
DRAWN
BxB
CHECKED
PM

**BOEING REALTY CORPORATION
FORMER C-6 FACILITY
GROUNDWATER STATUS REPORT**

Kennedy/Jenks Consultants
2151 Michelson Drive, Suite 100, Irvine, California 92612

**ESTIMATED PLUME LOCATIONS
IN CROSS SECTION**

FILE NAME	CROSSSECT-02
JOB NO.	004020.00
DATE	October 2000
SHEET	12
OF	12